

# Ecological Data Exchange Specification (working title)

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**Status:** **Draft** - while the document is in draft, sections of the document may contain placeholders such as **TBA** and **TBD**.

# 1. Metadata

|                   |   |
|-------------------|---|
| <b>IRI</b>        | <a href="https://linked.data.gov.au/def/rlp/spec">https://linked.data.gov.au/def/rlp/spec</a> (TBC)   |
| <b>Title</b>      | Ecological Data Exchange Specification (working title)  |
| <b>Definition</b> | This document lists the normative requirements for data aiming to conform to the TERN Ecosystem Surveillance Ecological Monitoring Protocols. It is to be used as the authoritative, human-readable list of individual requirements from which profile artefacts such as validators are derived from. |
| <b>Created</b>    | 2022-03-14  |
| <b>Modified</b>   | 2022-03-16  |
| <b>Creator</b>    | TERN  |
| <b>Publisher</b>  | Department of Agriculture, Water and the Environment  |
| <b>License</b>    | Creative Commons Attribution 4.0 International (CC BY 4.0)  |

|                                   |  |
|-----------------------------------|--|
| <b>Further information</b>        | This document is part of the Services Agreement for the provision of standardised ecological monitoring protocols and systems for data collection, storage and management. |
|                                   | Procurement Number (PRN): 360 000 5101   |
|                                   | Commonwealth of Australia as represented by the Department of Agriculture, Water and the Environment<br>ABN 34 190 894 983 ( <b>Department</b> )                           |
|                                   | The University of Queensland as represented by TERN<br>ABN 63 942 912 684 ( <b>Service Provider</b> )  |
| <b>Alternate document formats</b> | <a href="#">PDF</a>  |

## 2. Preamble

### 2.1. Abstract

TERN Ecosystem Surveillance have developed 19 modules to standardise ecological monitoring protocols for data collection. The working title for the monitoring protocols is *TERN Ecosystem Surveillance Ecological Monitoring Protocols*.

TERN Data Services and Analytics is developing a standardised data exchange specification to support the exchange of data collected using TERN Ecosystem Surveillance Ecological Monitoring Protocols. The working title for the data exchange specification is *Ecological Data Exchange Specification*.

The Ecological Data Exchange Specification is a profile of the ecological data model known as the [TERN Ontology](#). Data that is conformant to the Ecological Data Exchange Specification is also conformant to the TERN Ontology.

### 2.2. Normative Status

This specification is normative for the exchange of data collected using TERN Ecosystem Surveillance Ecological Monitoring Protocols.

### 2.3. Standard Parts

This specification document is one of many resources that together form the Ecological Data Exchange Specification Profile.

Other parts of this standard include:

TBA.

## 2.4. Namespaces

| Prefix | Namespace   | Name                  | Description  |
|--------|---|-----------------------|--|
| reg:   | <a href="http://purl.org/linked-data/registry#">http://purl.org/linked-data/registry#</a> | Registry Ontology     | Core ontology for Linked Data registry services. Based on ISO 19135 but heavily modified to suit Linked Data representations and applications. |
| sosa:  | <a href="http://www.w3.org/ns/sosa/">http://www.w3.org/ns/sosa/</a>                       | SOSA                  | Sensor, Observation, Sample, and Actuator (SOSA) is a semantic data model to represent observations and samplings.                             |
| tern:  | <a href="https://w3id.org/tern/ontology/tern/">https://w3id.org/tern/ontology/tern/</a>   | TERN Ontology         | A profile of SOSA and PROV with minor additions to represent ecological field survey data.   |
| unit:  | <a href="http://qudt.org/vocab/unit/">http://qudt.org/vocab/unit/</a>                     | QUDT Units vocabulary | A vocabulary of <i>units of measure</i> defined using the QUDT semantic data model.  |

## 3. Requirements

### 3.1. Domain Model Conformance

Requirements define the rules and constraints which data must conform to in order to be valid.

A *status* is assigned to each requirement. The *status* code list used in this document is defined by the [Registry ontology](#) and a subset of the status codes are redefined here:

- **submitted** - A proposed entry which is not yet approved for use for use. Corresponds to ISO 19135:(redraft) 'submitted'.
- **invalid** - An entry which has been invalidated due to serious flaws, distinct from retirement. Corresponds to ISO 19135(redraft) 'invalid'.
- **stable** - An entry that is seen as having a reasonable measure of stability, may be used to mark the full adoption of a previously 'experimental' entry.

Requirements that have been accepted and are **stable** are marked with a green check mark.

For example:

| Property | Value   |
|----------|---|
| Status   | <b>stable</b> <input checked="" type="checkbox"/> |

### 3.1.1. Plot Description Module Conformance Class Requirements

#### 3.1.1.1. Cover class Observation

##### 3.1.1.1.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:cover-class:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">vegetation stratum</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>vegetation stratum</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/cover-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/cover-class/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/cover-class/invalid.ttl</a> |

##### 3.1.1.1.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:cover-class:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Cover class codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Cover class codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br>bc<br>bi<br>c<br>d<br>i<br>r  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/plot-description-protocol-shapes/cover-class/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/plot-description-protocol-shapes/cover-class/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/cover-class/invalid.ttl</a> |

### 3.1.1.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:cover-class:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .                      |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/cover-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/cover-class/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/cover-class/invalid.ttl</a> |

### 3.1.1.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:cover-class:site-visit</a> |
| Label      | Site visit   |

| Property            | Value  |
|---------------------|--|
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/cover-class/shapes.ttl">/shapes/plot-description-protocol-shapes/cover-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/cover-class/valid.ttl">/shapes/plot-description-protocol-shapes/cover-class/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/cover-class/invalid.ttl">/shapes/plot-description-protocol-shapes/cover-class/invalid.ttl</a> |

### 3.1.1.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:cover-class:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/cover-class/shapes.ttl">/shapes/plot-description-protocol-shapes/cover-class/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/cover-class/valid.ttl">/shapes/plot-description-protocol-shapes/cover-class/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/cover-class/invalid.ttl">/shapes/plot-description-protocol-shapes/cover-class/invalid.ttl</a>  |

### 3.1.1.1.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:cover-class:value-type</a>      |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .                     |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> . |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/cover-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/cover-class/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/cover-class/invalid.ttl</a> |

### 3.1.1.1.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:cover-class:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>6aaa330c-3d60-419b-a29b-a2dbc6d67928\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6aaa330c-3d60-419b-a29b-a2dbc6d67928">https://linked.data.gov.au/def/nrm/6aaa330c-3d60-419b-a29b-a2dbc6d67928</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6aaa330c-3d60-419b-a29b-a2dbc6d67928">https://linked.data.gov.au/def/nrm/6aaa330c-3d60-419b-a29b-a2dbc6d67928</a> is the IRI for "Cover class codes". |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/cover-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/cover-class/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/cover-class/invalid.ttl</a>   |

### 3.1.1.2. Growth stage Observation

#### 3.1.1.2.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:growth-stage:feature-type</a>  |
| Label      | Feature type   |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant community</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <code>plant community</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.1.2.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:plot-description-protocol-shapes:growth-stage:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Growth stages codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Growth stages codes controlled vocabulary.                                      |
| Status                | submitted ○  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br>Dead<br><br>Mature<br><br>Recruiting<br><br>Resprouting<br><br>Senescent   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/plot-description-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/plot-description-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.1.2.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:growth-stage:simple-result">urn:shapes:plot-description-protocol-shapes:growth-stage:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/growth-stage/shapes.ttl">/shapes/plot-description-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/growth-stage/valid.ttl">/shapes/plot-description-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/growth-stage/invalid.ttl">/shapes/plot-description-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.1.2.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:growth-stage:site-visit">urn:shapes:plot-description-protocol-shapes:growth-stage:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/growth-stage/shapes.ttl">/shapes/plot-description-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/growth-stage/valid.ttl">/shapes/plot-description-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/growth-stage/invalid.ttl">/shapes/plot-description-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.1.2.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="urn:shapes:plot-description-protocol-shapes:growth-stage:used-procedure">urn:shapes:plot-description-protocol-shapes:growth-stage:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/growth-stage/shapes.ttl">/shapes/plot-description-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/growth-stage/valid.ttl">/shapes/plot-description-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/growth-stage/invalid.ttl">/shapes/plot-description-protocol-shapes/growth-stage/invalid.ttl</a>  |

### 3.1.1.2.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:growth-stage:value-type">urn:shapes:plot-description-protocol-shapes:growth-stage:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/growth-stage/shapes.ttl">/shapes/plot-description-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/growth-stage/valid.ttl">/shapes/plot-description-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/growth-stage/invalid.ttl">/shapes/plot-description-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.1.2.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:plot-description-protocol-shapes:growth-stage:vocabulary">urn:shapes:plot-description-protocol-shapes:growth-stage:vocabulary</a> |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>096e018a-fb8f-4ba1-9fdc-302164e57682\$</code> .                      |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> is the IRI for "Growth stages codes". |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/growth-stage/shapes.ttl">/shapes/plot-description-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/growth-stage/valid.ttl">/shapes/plot-description-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/growth-stage/invalid.ttl">/shapes/plot-description-protocol-shapes/growth-stage/invalid.ttl</a>   |

### 3.1.1.3. Disturbance type Observation

#### 3.1.1.3.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:disturbance-type:feature-type">urn:shapes:plot-description-protocol-shapes:disturbance-type:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl</a> |

#### 3.1.1.3.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:plot-description-protocol-shapes:disturbance-type:result-value">urn:shapes:plot-description-protocol-shapes:disturbance-type:result-value</a> |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Disturbance type codes controlled vocabulary.  |

| Property              | Value   |
|-----------------------|---|
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Disturbance type codes controlled vocabulary.  |
| Status                | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Complete clearing; pasture; has been cultivated</code></li> <li><code>Complete clearing; pasture; never cultivated</code></li> <li><code>Cultivated; rain fed</code></li> <li><code>Cultivation; has been irrigated</code></li> <li><code>Extensive clearing</code></li> <li><code>Highly disturbed</code></li> <li><code>Limited clearing</code></li> <li><code>None</code></li> <li><code>None except HEAVY grazing by hoofed animals</code></li> <li><code>None except LIGHT grazing by hoofed animals</code></li> <li><code>None except MEDIUM grazing by hoofed animals</code></li> <li><code>Not Collected</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl</code>   |
| Examples              | <p>Valid: <code>/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl</code></p> <p>Invalid: <code>/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl</code></p>   |

### 3.1.1.3.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:plot-description-protocol-shapes:disturbance-type:simple-result</code> |
| Label      | Simple result   |

| Property            | Value  |
|---------------------|--|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl</a> |

### 3.1.1.3.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:plot-description-protocol-shapes:disturbance-type:site-visit</code>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <code>submitted</code>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl</a> |

### 3.1.1.3.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:plot-description-protocol-shapes:disturbance-type:used-procedure</code>  |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl</a>  |

### 3.1.1.3.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:disturbance-type:value-type">urn:shapes:plot-description-protocol-shapes:disturbance-type:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl</a> |

### 3.1.1.3.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:plot-description-protocol-shapes:disturbance-type:vocabulary">urn:shapes:plot-description-protocol-shapes:disturbance-type:vocabulary</a> |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>f5a470e8-d29f-4ff6-b50d-529b0444dbe4\$</code> .                              |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4">https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4">https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4</a> is the IRI for "Disturbance type codes". |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl">/shapes/plot-description-protocol-shapes/disturbance-type/invalid.ttl</a>  |

### 3.1.1.4. Landform pattern Observation

#### 3.1.1.4.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:landform-pattern:feature-type">urn:shapes:plot-description-protocol-shapes:landform-pattern:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">landform</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>landform</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/landform-pattern/shapes.ttl">/shapes/plot-description-protocol-shapes/landform-pattern/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/landform-pattern/valid.ttl">/shapes/plot-description-protocol-shapes/landform-pattern/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/landform-pattern/invalid.ttl">/shapes/plot-description-protocol-shapes/landform-pattern/invalid.ttl</a> |

#### 3.1.1.4.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:plot-description-protocol-shapes:landform-pattern:result-value">urn:shapes:plot-description-protocol-shapes:landform-pattern:result-value</a> |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Landform pattern codes controlled vocabulary.  |

| Property            | Value  |
|---------------------|--|
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Landform pattern codes controlled vocabulary. |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | <code>TBA</code>   |
| Property            | Value  |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Aluvial fan</p> <p>Aluvial plain</p> <p>Anastomotic plain</p> <p>Badlands</p> <p>Bar Plain</p> <p>Beach ridge plain</p> <p>Caldera</p> <p>Chenier plain</p> <p>Coral reef</p> <p>Covered plain</p> <p>Delta</p> <p>Dunefield</p> <p>Escarpment</p> <p>Floodplain</p> <p>Hills</p> <p>Karst</p> <p>Lacustrine plain</p> <p>Lava plain</p> <p>Longitudinal dunefield</p> <p>Low hills</p> <p>Made land</p> <p>Marine plain</p> <p>Meander plain</p> |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="#">/shapes/plot-description-protocol-shapes/landform-pattern/shapes.ttl</a>   |
| Examples   | Valid: <a href="#">/shapes/plot-description-protocol-shapes/landform-pattern/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/landform-pattern/invalid.ttl</a> |

#### 3.1.1.4.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:landform-pattern:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .                                |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/landform-pattern/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/landform-pattern/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/landform-pattern/invalid.ttl</a> |

#### 3.1.1.4.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:landform-pattern:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/landform-pattern/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/landform-pattern/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/landform-pattern/invalid.ttl</a> |

### 3.1.1.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:landform-pattern:used-procedure">urn:shapes:plot-description-protocol-shapes:landform-pattern:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/landform-pattern/shapes.ttl">/shapes/plot-description-protocol-shapes/landform-pattern/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/landform-pattern/valid.ttl">/shapes/plot-description-protocol-shapes/landform-pattern/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/landform-pattern/invalid.ttl">/shapes/plot-description-protocol-shapes/landform-pattern/invalid.ttl</a>  |

### 3.1.1.4.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:landform-pattern:value-type">urn:shapes:plot-description-protocol-shapes:landform-pattern:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/landform-pattern/shapes.ttl">/shapes/plot-description-protocol-shapes/landform-pattern/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/landform-pattern/valid.ttl">/shapes/plot-description-protocol-shapes/landform-pattern/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/landform-pattern/invalid.ttl">/shapes/plot-description-protocol-shapes/landform-pattern/invalid.ttl</a> |

### 3.1.1.4.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:plot-description-protocol-shapes:landform-pattern:vocabulary">urn:shapes:plot-description-protocol-shapes:landform-pattern:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>19d91a7a-2733-4b84-9d2b-4bda4808c003\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/19d91a7a-2733-4b84-9d2b-4bda4808c003">https://linked.data.gov.au/def/nrm/19d91a7a-2733-4b84-9d2b-4bda4808c003</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/19d91a7a-2733-4b84-9d2b-4bda4808c003">https://linked.data.gov.au/def/nrm/19d91a7a-2733-4b84-9d2b-4bda4808c003</a> is the IRI for "Landform pattern codes". |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/landform-pattern/shapes.ttl">/shapes/plot-description-protocol-shapes/landform-pattern/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/landform-pattern/valid.ttl">/shapes/plot-description-protocol-shapes/landform-pattern/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/landform-pattern/invalid.ttl">/shapes/plot-description-protocol-shapes/landform-pattern/invalid.ttl</a>  |

### 3.1.1.5. Dominant species Observation

#### 3.1.1.5.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:plot-description-protocol-shapes:dominant-species:datatype</code>   |
| Label               | Datatype   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype <code>xsd:string</code> .  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be <code>xsd:string</code> .  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/dominant-species/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/dominant-species/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/dominant-species/invalid.ttl</a> |

#### 3.1.1.5.2. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:plot-description-protocol-shapes:dominant-species:feature-type</code> |

| Property            | Value  |
|---------------------|--|
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">vegetation stratum</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>vegetation stratum</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/dominant-species/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/dominant-species/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/dominant-species/invalid.ttl</a> |

### 3.1.1.5.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:dominant-species:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/dominant-species/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/dominant-species/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/dominant-species/invalid.ttl</a> |

### 3.1.1.5.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:dominant-species:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .              |
| Comment    | Observations following the Plot Description are made in the context of a site visit.    |
| Status     | <a href="#">submitted</a> <input checked="" type="radio"/>                              |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/dominant-species/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/dominant-species/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/dominant-species/invalid.ttl</a> |

### 3.1.1.5.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:dominant-species:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/dominant-species/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/dominant-species/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/dominant-species/invalid.ttl</a>  |

### 3.1.1.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:dominant-species:value-type</a> |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Text</code> .                       |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Text</code> .      |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/plot-description-protocol-shapes/dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/dominant-species/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/plot-description-protocol-shapes/dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/dominant-species/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/dominant-species/invalid.ttl</a> |

### 3.1.1.6. Surface strew size Observation

#### 3.1.1.6.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:surface-strew-size:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/shapes.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/valid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/invalid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/invalid.ttl</a> |

#### 3.1.1.6.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:surface-strew-size:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soil surface strew size codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soil surface strew size codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Boulder (250mm +)<br><br>Cobble (51-250mm)<br><br>None apparent<br><br>Not Collected<br><br>Pebble (5-50mm) |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/plot-description-protocol-shapes/surface-strew-size/shapes.ttl   |
| Examples              | Valid: /shapes/plot-description-protocol-shapes/surface-strew-size/valid.ttl<br><br>Invalid: /shapes/plot-description-protocol-shapes/surface-strew-size/invalid.ttl |

### 3.1.1.6.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:plot-description-protocol-shapes:surface-strew-size:simple-result   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .        |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/plot-description-protocol-shapes/surface-strew-size/shapes.ttl   |
| Examples            | Valid: /shapes/plot-description-protocol-shapes/surface-strew-size/valid.ttl<br><br>Invalid: /shapes/plot-description-protocol-shapes/surface-strew-size/invalid.ttl |

### 3.1.1.6.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:plot-description-protocol-shapes:surface-strew-size:site-visit |
| Label      | Site visit  |

| Property            | Value  |
|---------------------|--|
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/shapes.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/valid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/invalid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/invalid.ttl</a> |

### 3.1.1.6.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:surface-strew-size:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/shapes.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/valid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/invalid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/invalid.ttl</a>  |

### 3.1.1.6.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:surface-strew-size:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .                       |

| Property            | Value  |
|---------------------|--|
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/shapes.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/valid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/invalid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/invalid.ttl</a> |

### 3.1.1.6.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:plot-description-protocol-shapes:surface-strew-size:vocabulary</code>  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>3b25ce0f-9eb7-4d2d-97ce-143858cf4d4\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/3b25ce0f-9eb7-4d2d-97ce-143858cf4d4">https://linked.data.gov.au/def/nrm/3b25ce0f-9eb7-4d2d-97ce-143858cf4d4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/3b25ce0f-9eb7-4d2d-97ce-143858cf4d4">https://linked.data.gov.au/def/nrm/3b25ce0f-9eb7-4d2d-97ce-143858cf4d4</a> is the IRI for "Soil surface strew size codes". |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/shapes.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/valid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-size/invalid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-size/invalid.ttl</a>  |

### 3.1.1.7. Third dominant species Observation

#### 3.1.1.7.1. Datatype

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:plot-description-protocol-shapes:third-dominant-species:datatype</code> |
| Label      | Datatype   |

| Property            | Value   |
|---------------------|---|
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:string.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/valid.ttl</a></p> <p>Invalid: <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/invalid.ttl</a></p> |

### 3.1.1.7.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:plot-description-protocol-shapes:third-dominant-species:feature-type</code>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>vegetation stratum</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>vegetation stratum</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/valid.ttl</a></p> <p>Invalid: <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/invalid.ttl</a></p> |

### 3.1.1.7.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:plot-description-protocol-shapes:third-dominant-species:simple-result</code> |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/valid.ttl</a></p> <p>Invalid: <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/invalid.ttl</a></p> |

#### 3.1.1.7.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:plot-description-protocol-shapes:third-dominant-species:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot Description are made in the context of a site visit.  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/valid.ttl</a></p> <p>Invalid: <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/invalid.ttl</a></p> |

#### 3.1.1.7.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:plot-description-protocol-shapes:third-dominant-species:used-procedure</code>  |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/invalid.ttl</a>  |

### 3.1.1.7.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:third-dominant-species:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/third-dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/third-dominant-species/invalid.ttl</a> |

### 3.1.1.8. Landform element Observation

#### 3.1.1.8.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:landform-element:feature-type</a> |

| Property            | Value  |
|---------------------|--|
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>landform</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>landform</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                      |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/landform-element/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/landform-element/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/landform-element/invalid.ttl</a> |

### 3.1.1.8.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:plot-description-protocol-shapes:landform-element:result-value</code>   |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Landform element codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Landform element codes controlled vocabulary. |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Alcove</p> <p>Backplain</p> <p>Bank (stream bank)</p> <p>Bar (stream bar)</p> <p>Barchan dune</p> <p>Beach</p> <p>Beach ridge</p> <p>Bench</p> <p>Berm</p> <p>Blow-out</p> <p>Breakaway</p> <p>Channel bench</p> <p>Cirque</p> <p>Cliff</p> <p>Cliff-footslope</p> <p>Collapse doline</p> <p>Cone (volcanic)</p> <p>Crater</p> <p>Cut face</p> <p>Cut-over surface</p> <p>Dam</p> <p>Deflation basin</p> <p>Drainage depression</p> |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="#">/shapes/plot-description-protocol-shapes/landform-element/shapes.ttl</a>   |
| Examples   | Valid: <a href="#">/shapes/plot-description-protocol-shapes/landform-element/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/landform-element/invalid.ttl</a> |

### 3.1.1.8.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:landform-element:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .                                |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/landform-element/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/landform-element/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/landform-element/invalid.ttl</a> |

### 3.1.1.8.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:landform-element:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/landform-element/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/landform-element/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/landform-element/invalid.ttl</a> |

### 3.1.1.8.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:landform-element:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/landform-element/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/landform-element/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/landform-element/invalid.ttl</a>  |

### 3.1.1.8.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:landform-element:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/landform-element/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/landform-element/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/landform-element/invalid.ttl</a> |

### 3.1.1.8.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:landform-element:vocabulary</a> |

| Property            | Value  |
|---------------------|--|
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c1a58967-cb12-4c2c-a7ca-9cee2589919c\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/c1a58967-cb12-4c2c-a7ca-9cee2589919c">https://linked.data.gov.au/def/nrm/c1a58967-cb12-4c2c-a7ca-9cee2589919c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c1a58967-cb12-4c2c-a7ca-9cee2589919c">https://linked.data.gov.au/def/nrm/c1a58967-cb12-4c2c-a7ca-9cee2589919c</a> is the IRI for "Landform element codes". |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/landform-element/shapes.ttl">/shapes/plot-description-protocol-shapes/landform-element/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/landform-element/valid.ttl">/shapes/plot-description-protocol-shapes/landform-element/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/landform-element/invalid.ttl">/shapes/plot-description-protocol-shapes/landform-element/invalid.ttl</a>   |

### 3.1.1.9. Cover Observation

#### 3.1.1.9.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:plot-description-protocol-shapes:cover:feature-type</code>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">vegetation stratum</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>vegetation stratum</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/cover/shapes.ttl">/shapes/plot-description-protocol-shapes/cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/cover/valid.ttl">/shapes/plot-description-protocol-shapes/cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/cover/invalid.ttl">/shapes/plot-description-protocol-shapes/cover/invalid.ttl</a> |

#### 3.1.1.9.2. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:plot-description-protocol-shapes:cover:simple-result</code> |

| Property            | Value  |
|---------------------|--|
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .          |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/cover/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/cover/invalid.ttl</a> |

### 3.1.1.9.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:plot-description-protocol-shapes:cover:site-visit</code>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/cover/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/cover/invalid.ttl</a> |

### 3.1.1.9.4. Unit of measure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:plot-description-protocol-shapes:cover:unit-of-measure</code>                  |
| Label      | Unit of measure   |
| Definition | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> . |
| Comment    | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .           |
| Status     | <code>submitted</code> ○  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/cover/shapes.ttl">/shapes/plot-description-protocol-shapes/cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/cover/valid.ttl">/shapes/plot-description-protocol-shapes/cover/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/cover/invalid.ttl">/shapes/plot-description-protocol-shapes/cover/invalid.ttl</a> |

### 3.1.1.9.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:cover:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/cover/shapes.ttl">/shapes/plot-description-protocol-shapes/cover/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/cover/valid.ttl">/shapes/plot-description-protocol-shapes/cover/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/cover/invalid.ttl">/shapes/plot-description-protocol-shapes/cover/invalid.ttl</a>  |

### 3.1.1.9.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:cover:value-range</a> |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.            |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.                             |
| Status              | <a href="#">submitted</a> <input type="radio"/>                               |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/plot-description-protocol-shapes/cover/shapes.ttl">/shapes/plot-description-protocol-shapes/cover/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/plot-description-protocol-shapes/cover/valid.ttl">/shapes/plot-description-protocol-shapes/cover/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/cover/invalid.ttl">/shapes/plot-description-protocol-shapes/cover/invalid.ttl</a> |

### 3.1.1.9.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:cover:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/cover/shapes.ttl">/shapes/plot-description-protocol-shapes/cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/cover/valid.ttl">/shapes/plot-description-protocol-shapes/cover/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/cover/invalid.ttl">/shapes/plot-description-protocol-shapes/cover/invalid.ttl</a> |

### 3.1.1.10. Climatic condition Observation

#### 3.1.1.10.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:climatic-condition:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .      |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/plot-description-protocol-shapes/climatic-condition/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/climatic-condition/invalid.ttl</a> |

### 3.1.1.10.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:plot-description-protocol-shapes:climatic-condition:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Climatic condition codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Climatic condition codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><code>Dry</code><br><br><code>Wet</code>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/plot-description-protocol-shapes/climatic-condition/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/climatic-condition/invalid.ttl</a> |

### 3.1.1.10.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:climatic-condition:simple-result</a>  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/climatic-condition/valid.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/climatic-condition/invalid.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/invalid.ttl</a> |

#### 3.1.1.10.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:climatic-condition:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/climatic-condition/valid.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/climatic-condition/invalid.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/invalid.ttl</a> |

#### 3.1.1.10.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:climatic-condition:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status     | <a href="#">submitted</a>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/climatic-condition/valid.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/climatic-condition/invalid.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/invalid.ttl</a> |

### 3.1.1.10.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:climatic-condition:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/climatic-condition/valid.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/climatic-condition/invalid.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/invalid.ttl</a> |

### 3.1.1.10.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:climatic-condition:vocabulary</a>  |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>2ebfee89-92db-44b3-bb89-06dd92798ae6\$</code> .   |
| Comment    | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/2ebfee89-92db-44b3-bb89-06dd92798ae6">https://linked.data.gov.au/def/nrm/2ebfee89-92db-44b3-bb89-06dd92798ae6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/2ebfee89-92db-44b3-bb89-06dd92798ae6">https://linked.data.gov.au/def/nrm/2ebfee89-92db-44b3-bb89-06dd92798ae6</a> is the IRI for "Climatic condition codes". |
| Status     | <a href="#">submitted</a>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/climatic-condition/valid.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/climatic-condition/invalid.ttl">/shapes/plot-description-protocol-shapes/climatic-condition/invalid.ttl</a> |

### 3.1.1.11. Homogeneity measure Observation

#### 3.1.1.11.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:homogeneity-measure:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant community</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl</a> |

#### 3.1.1.11.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:homogeneity-measure:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl</a> |

### 3.1.11.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:homogeneity-measure:site-visit">urn:shapes:plot-description-protocol-shapes:homogeneity-measure:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl</a> |

### 3.1.11.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:homogeneity-measure:unit-of-measure">urn:shapes:plot-description-protocol-shapes:homogeneity-measure:unit-of-measure</a> |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M</code> .   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl</a>                 |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl</a> |

### 3.1.1.11.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:homogeneity-measure:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl</a>  |

### 3.1.1.11.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:homogeneity-measure:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> not be negative.   |
| Comment             | Value <i>MUST</i> not be negative.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl</a> |

### 3.1.1.11.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:homogeneity-measure:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl">/shapes/plot-description-protocol-shapes/homogeneity-measure/invalid.ttl</a> |

### 3.1.1.12. Height class Observation

#### 3.1.1.12.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:height-class:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">vegetation stratum</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>vegetation stratum</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/height-class/shapes.ttl">/shapes/plot-description-protocol-shapes/height-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/height-class/valid.ttl">/shapes/plot-description-protocol-shapes/height-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/height-class/invalid.ttl">/shapes/plot-description-protocol-shapes/height-class/invalid.ttl</a> |

### 3.1.1.12.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:plot-description-protocol-shapes:height-class:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Vegetation height class codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Vegetation height class codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li>1</li> <li>10</li> <li>11</li> <li>2</li> <li>3</li> <li>4</li> <li>5</li> <li>6</li> <li>7</li> <li>8</li> <li>9</li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/plot-description-protocol-shapes/height-class/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/plot-description-protocol-shapes/height-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/height-class/invalid.ttl</a></p>                                     |

### 3.1.1.12.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:height-class:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .                            |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/height-class/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/height-class/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/height-class/invalid.ttl</a> |

### 3.1.1.12.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:height-class:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/height-class/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/height-class/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/height-class/invalid.ttl</a> |

### 3.1.1.12.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:height-class:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/height-class/shapes.ttl">/shapes/plot-description-protocol-shapes/height-class/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/height-class/valid.ttl">/shapes/plot-description-protocol-shapes/height-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/height-class/invalid.ttl">/shapes/plot-description-protocol-shapes/height-class/invalid.ttl</a>  |

### 3.1.1.12.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:height-class:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/height-class/shapes.ttl">/shapes/plot-description-protocol-shapes/height-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/height-class/valid.ttl">/shapes/plot-description-protocol-shapes/height-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/height-class/invalid.ttl">/shapes/plot-description-protocol-shapes/height-class/invalid.ttl</a> |

### 3.1.1.12.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:height-class:vocabulary</a>   |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b1b05cd1-3b85-4639-a6af-799a34d88d43\$</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b1b05cd1-3b85-4639-a6af-799a34d88d43">https://linked.data.gov.au/def/nrm/b1b05cd1-3b85-4639-a6af-799a34d88d43</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b1b05cd1-3b85-4639-a6af-799a34d88d43">https://linked.data.gov.au/def/nrm/b1b05cd1-3b85-4639-a6af-799a34d88d43</a> is the IRI for "Vegetation height class codes". |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/height-class/shapes.ttl">/shapes/plot-description-protocol-shapes/height-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/height-class/valid.ttl">/shapes/plot-description-protocol-shapes/height-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/height-class/invalid.ttl">/shapes/plot-description-protocol-shapes/height-class/invalid.ttl</a>   |

### 3.1.1.13. Fire history Observation

#### 3.1.1.13.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:fire-history:feature-type">urn:shapes:plot-description-protocol-shapes:fire-history:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant community</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/fire-history/shapes.ttl">/shapes/plot-description-protocol-shapes/fire-history/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/fire-history/valid.ttl">/shapes/plot-description-protocol-shapes/fire-history/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/fire-history/invalid.ttl">/shapes/plot-description-protocol-shapes/fire-history/invalid.ttl</a> |

#### 3.1.1.13.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:plot-description-protocol-shapes:fire-history:result-value">urn:shapes:plot-description-protocol-shapes:fire-history:result-value</a> |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Fire history codes controlled vocabulary.  |

| Property              | Value   |
|-----------------------|---|
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Fire history codes controlled vocabulary.  |
| Status                | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Past burn</code></li> <li><code>Recently burnt</code></li> <li><code>Unburnt</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/plot-description-protocol-shapes/fire-history/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/plot-description-protocol-shapes/fire-history/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/fire-history/invalid.ttl</a></p>             |

### 3.1.1.13.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:plot-description-protocol-shapes:fire-history:simple-result</code>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .                                   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/fire-history/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/plot-description-protocol-shapes/fire-history/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/fire-history/invalid.ttl</a></p> |

### 3.1.1.13.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:plot-description-protocol-shapes:fire-history:site-visit</code> |

| Property            | Value  |
|---------------------|--|
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/fire-history/shapes.ttl">/shapes/plot-description-protocol-shapes/fire-history/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/fire-history/valid.ttl">/shapes/plot-description-protocol-shapes/fire-history/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/fire-history/invalid.ttl">/shapes/plot-description-protocol-shapes/fire-history/invalid.ttl</a> |

### 3.1.1.13.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:fire-history:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/fire-history/shapes.ttl">/shapes/plot-description-protocol-shapes/fire-history/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/fire-history/valid.ttl">/shapes/plot-description-protocol-shapes/fire-history/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/fire-history/invalid.ttl">/shapes/plot-description-protocol-shapes/fire-history/invalid.ttl</a>  |

### 3.1.1.13.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:fire-history:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .                 |

| Property            | Value  |
|---------------------|--|
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/fire-history/shapes.ttl">/shapes/plot-description-protocol-shapes/fire-history/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/fire-history/valid.ttl">/shapes/plot-description-protocol-shapes/fire-history/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/fire-history/invalid.ttl">/shapes/plot-description-protocol-shapes/fire-history/invalid.ttl</a> |

### 3.1.13.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:plot-description-protocol-shapes:fire-history:vocabulary</code>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>6e9d2f51-ce64-4c67-8391-d14a8bf96b6b\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/6e9d2f51-ce64-4c67-8391-d14a8bf96b6b">https://linked.data.gov.au/def/nrm/6e9d2f51-ce64-4c67-8391-d14a8bf96b6b</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6e9d2f51-ce64-4c67-8391-d14a8bf96b6b">https://linked.data.gov.au/def/nrm/6e9d2f51-ce64-4c67-8391-d14a8bf96b6b</a> is the IRI for "Fire history codes". |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/fire-history/shapes.ttl">/shapes/plot-description-protocol-shapes/fire-history/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/fire-history/valid.ttl">/shapes/plot-description-protocol-shapes/fire-history/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/fire-history/invalid.ttl">/shapes/plot-description-protocol-shapes/fire-history/invalid.ttl</a>   |

### 3.1.14. Structural formation Observation

#### 3.1.14.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:plot-description-protocol-shapes:structural-formation:feature-type</code>     |
| Label      | Feature type   |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant community</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                       |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/structural-formation/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/structural-formation/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/structural-formation/invalid.ttl</a> |

### 3.1.14.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:structural-formation:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Vegetation structural formation codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Vegetation structural formation codes controlled vocabulary. |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Bryophytes</p> <p>Bryophyteland</p> <p>Chenopod Shrubs</p> <p>Chenopod shrubland</p> <p>Closed bryophyteland</p> <p>Closed chenopod shrubland</p> <p>Closed fernland</p> <p>Closed formland</p> <p>Closed forest</p> <p>Closed grassland</p> <p>Closed heathland</p> <p>Closed hummock grassland</p> <p>Closed mallee forest</p> <p>Closed mallee shrubland</p> <p>Closed rushland</p> <p>Closed samphire shrubland</p> <p>Closed sedgeland</p> <p>Closed shrubland</p> <p>Closed tussock grassland</p> <p>Fernland</p> <p>Ferns</p> <p>Formland</p> <p>Forbs</p> |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/plot-description-protocol-shapes/structural-formation/shapes.ttl">/shapes/plot-description-protocol-shapes/structural-formation/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/plot-description-protocol-shapes/structural-formation/valid.ttl">/shapes/plot-description-protocol-shapes/structural-formation/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/structural-formation/invalid.ttl">/shapes/plot-description-protocol-shapes/structural-formation/invalid.ttl</a> |

#### 3.1.1.14.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:structural-formation:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/structural-formation/shapes.ttl">/shapes/plot-description-protocol-shapes/structural-formation/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/structural-formation/valid.ttl">/shapes/plot-description-protocol-shapes/structural-formation/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/structural-formation/invalid.ttl">/shapes/plot-description-protocol-shapes/structural-formation/invalid.ttl</a> |

#### 3.1.1.14.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:structural-formation:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot Description are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/structural-formation/shapes.ttl">/shapes/plot-description-protocol-shapes/structural-formation/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/plot-description-protocol-shapes/structural-formation/valid.ttl">/shapes/plot-description-protocol-shapes/structural-formation/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/structural-formation/invalid.ttl">/shapes/plot-description-protocol-shapes/structural-formation/invalid.ttl</a> |

### 3.1.1.14.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:structural-formation:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/structural-formation/shapes.ttl">/shapes/plot-description-protocol-shapes/structural-formation/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/structural-formation/valid.ttl">/shapes/plot-description-protocol-shapes/structural-formation/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/structural-formation/invalid.ttl">/shapes/plot-description-protocol-shapes/structural-formation/invalid.ttl</a>  |

### 3.1.1.14.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:structural-formation:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/structural-formation/shapes.ttl">/shapes/plot-description-protocol-shapes/structural-formation/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/plot-description-protocol-shapes/structural-formation/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/structural-formation/invalid.ttl</a> |

### 3.1.1.14.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:structural-formation:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">6e9baf51-566e-4a5d-93c4-a6e097dc364d\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6e9baf51-566e-4a5d-93c4-a6e097dc364d">https://linked.data.gov.au/def/nrm/6e9baf51-566e-4a5d-93c4-a6e097dc364d</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6e9baf51-566e-4a5d-93c4-a6e097dc364d">https://linked.data.gov.au/def/nrm/6e9baf51-566e-4a5d-93c4-a6e097dc364d</a> is the IRI for "Vegetation structural formation codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/structural-formation/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/structural-formation/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/structural-formation/invalid.ttl</a>   |

### 3.1.1.15. Slope class Observation

#### 3.1.1.15.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:slope-class:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">landform</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>landform</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/plot-description-protocol-shapes/slope-class/shapes.ttl">/shapes/plot-description-protocol-shapes/slope-class/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/plot-description-protocol-shapes/slope-class/valid.ttl">/shapes/plot-description-protocol-shapes/slope-class/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/slope-class/invalid.ttl">/shapes/plot-description-protocol-shapes/slope-class/invalid.ttl</a> |

### 3.1.15.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:plot-description-protocol-shapes:slope-class:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Plot slope codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Plot slope codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><br><br><br><br><br><br><br> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/plot-description-protocol-shapes/slope-class/shapes.ttl">/shapes/plot-description-protocol-shapes/slope-class/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/plot-description-protocol-shapes/slope-class/valid.ttl">/shapes/plot-description-protocol-shapes/slope-class/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/slope-class/invalid.ttl">/shapes/plot-description-protocol-shapes/slope-class/invalid.ttl</a>   |

### 3.1.1.15.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:slope-class:simple-result">urn:shapes:plot-description-protocol-shapes:slope-class:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/slope-class/shapes.ttl">/shapes/plot-description-protocol-shapes/slope-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/slope-class/valid.ttl">/shapes/plot-description-protocol-shapes/slope-class/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/slope-class/invalid.ttl">/shapes/plot-description-protocol-shapes/slope-class/invalid.ttl</a> |

### 3.1.1.15.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:slope-class:site-visit">urn:shapes:plot-description-protocol-shapes:slope-class:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/slope-class/shapes.ttl">/shapes/plot-description-protocol-shapes/slope-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/slope-class/valid.ttl">/shapes/plot-description-protocol-shapes/slope-class/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/slope-class/invalid.ttl">/shapes/plot-description-protocol-shapes/slope-class/invalid.ttl</a> |

### 3.1.1.15.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="urn:shapes:plot-description-protocol-shapes:slope-class:used-procedure">urn:shapes:plot-description-protocol-shapes:slope-class:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/slope-class/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/slope-class/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/slope-class/invalid.ttl</a>  |

### 3.1.15.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:slope-class:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/slope-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/slope-class/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/slope-class/invalid.ttl</a> |

### 3.1.15.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:slope-class:vocabulary</a>  |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">d893e669-c530-4bc3-a057-a5799ffcb5db\$</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d893e669-c530-4bc3-a057-a5799ffcb5db">https://linked.data.gov.au/def/nrm/d893e669-c530-4bc3-a057-a5799ffcb5db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/d893e669-c530-4bc3-a057-a5799ffcb5db">https://linked.data.gov.au/def/nrm/d893e669-c530-4bc3-a057-a5799ffcb5db</a> is the IRI for "Plot slope codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/slope-class/shapes.ttl">/shapes/plot-description-protocol-shapes/slope-class/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/slope-class/valid.ttl">/shapes/plot-description-protocol-shapes/slope-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/slope-class/invalid.ttl">/shapes/plot-description-protocol-shapes/slope-class/invalid.ttl</a>  |

### 3.1.1.16. Growth form Observation

#### 3.1.1.16.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:growth-form:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">vegetation stratum</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>vegetation stratum</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl">/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/growth-form/valid.ttl">/shapes/plot-description-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl">/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl</a> |

#### 3.1.1.16.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:growth-form:result-value</a>                  |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Growth form codes controlled vocabulary. |

| Property            | Value   |
|---------------------|---|
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Growth form codes controlled vocabulary. |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Aquatic<br><br>Bryophyte<br><br>Chenopod<br><br>Cycad<br><br>Epiphyte<br><br>Fern<br><br>Forb<br><br>Fungus<br><br>Grass-tree<br><br>Heath-shrub<br><br>Hummock grass<br><br>Lichen<br><br>NC<br><br>Other Grass<br><br>Palm<br><br>Rush<br><br>Samphire Shrub<br><br>Seagrass<br><br>Sedge<br><br>Shrub<br><br>Shrub Mallee<br><br>Tree<br><br>Tree Mallee |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl">/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/plot-description-protocol-shapes/growth-form/valid.ttl">/shapes/plot-description-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl">/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.1.16.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:growth-form:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl">/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/growth-form/valid.ttl">/shapes/plot-description-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl">/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.1.16.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:growth-form:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl">/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/growth-form/valid.ttl">/shapes/plot-description-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl">/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.1.16.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:growth-form:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl">/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/growth-form/valid.ttl">/shapes/plot-description-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl">/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl</a>  |

### 3.1.1.16.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:growth-form:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl">/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/growth-form/valid.ttl">/shapes/plot-description-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl">/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.1.16.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:plot-description-protocol-shapes:growth-form:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>d0fc07a7-3ec9-45ed-8850-885a32828d3c\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> is the IRI for "Growth form codes". |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl">/shapes/plot-description-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/growth-form/valid.ttl">/shapes/plot-description-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl">/shapes/plot-description-protocol-shapes/growth-form/invalid.ttl</a>  |

### 3.1.1.17. Aspect Observation

#### 3.1.1.17.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:plot-description-protocol-shapes:aspect:feature-type</code>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>landform</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <code>landform</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/aspect/shapes.ttl">/shapes/plot-description-protocol-shapes/aspect/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/aspect/valid.ttl">/shapes/plot-description-protocol-shapes/aspect/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/aspect/invalid.ttl">/shapes/plot-description-protocol-shapes/aspect/invalid.ttl</a> |

#### 3.1.1.17.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:plot-description-protocol-shapes:aspect:simple-result</code> |

| Property            | Value  |
|---------------------|--|
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .            |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/aspect/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/aspect/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/aspect/invalid.ttl</a> |

### 3.1.1.17.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:plot-description-protocol-shapes:aspect:site-visit</code>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/aspect/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/aspect/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/aspect/invalid.ttl</a> |

### 3.1.1.17.4. Unit of measure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:plot-description-protocol-shapes:aspect:unit-of-measure</code>             |
| Label      | Unit of measure   |
| Definition | The result <i>MUST</i> have <code>unit:DEG</code> as the value for <code>tern:unit</code> . |
| Comment    | Result value's unit of measure <i>MUST</i> have the value <code>unit:DEG</code> .           |
| Status     | <code>submitted</code> ○  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/aspect/shapes.ttl">/shapes/plot-description-protocol-shapes/aspect/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/aspect/valid.ttl">/shapes/plot-description-protocol-shapes/aspect/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/aspect/invalid.ttl">/shapes/plot-description-protocol-shapes/aspect/invalid.ttl</a> |

### 3.1.1.17.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:aspect:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/aspect/shapes.ttl">/shapes/plot-description-protocol-shapes/aspect/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/aspect/valid.ttl">/shapes/plot-description-protocol-shapes/aspect/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/aspect/invalid.ttl">/shapes/plot-description-protocol-shapes/aspect/invalid.ttl</a>  |

### 3.1.1.17.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:aspect:value-range</a> |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 exclusive and 360 inclusive.     |
| Comment             | Value <i>MUST</i> be between 0 exclusive and 360 inclusive.                    |
| Status              | <a href="#">submitted</a> <input type="radio"/>                                |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/plot-description-protocol-shapes/aspect/shapes.ttl">/shapes/plot-description-protocol-shapes/aspect/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/plot-description-protocol-shapes/aspect/valid.ttl">/shapes/plot-description-protocol-shapes/aspect/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/aspect/invalid.ttl">/shapes/plot-description-protocol-shapes/aspect/invalid.ttl</a> |

### 3.1.1.17.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:aspect:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/aspect/shapes.ttl">/shapes/plot-description-protocol-shapes/aspect/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/aspect/valid.ttl">/shapes/plot-description-protocol-shapes/aspect/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/aspect/invalid.ttl">/shapes/plot-description-protocol-shapes/aspect/invalid.ttl</a> |

### 3.1.1.18. Second dominant species Observation

#### 3.1.1.18.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:second-dominant-species:datatype</a>  |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/invalid.ttl</a> |

### 3.1.1.18.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:second-dominant-species:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">vegetation stratum</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>vegetation stratum</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/invalid.ttl</a> |

### 3.1.1.18.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:second-dominant-species:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/plot-description-protocol-shapes/second-dominant-species/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/second-dominant-species/invalid.ttl</a> |

#### 3.1.1.18.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:second-dominant-species:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Plot Description are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/second-dominant-species/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/second-dominant-species/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/second-dominant-species/invalid.ttl</a> |

#### 3.1.1.18.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:second-dominant-species:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/invalid.ttl</a> |

### 3.1.1.18.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:second-dominant-species:value-type">urn:shapes:plot-description-protocol-shapes:second-dominant-species:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/shapes.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/valid.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/second-dominant-species/invalid.ttl">/shapes/plot-description-protocol-shapes/second-dominant-species/invalid.ttl</a> |

### 3.1.1.19. Rock outcrop lithology Observation

#### 3.1.1.19.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:rock-outcrop-lithology:feature-type">urn:shapes:plot-description-protocol-shapes:rock-outcrop-lithology:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a></p> |

### 3.1.1.19.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:rock-outcrop-lithology:result-value">urn:shapes:plot-description-protocol-shapes:rock-outcrop-lithology:result-value</a> |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soil lithology codes controlled vocabulary.  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soil lithology codes controlled vocabulary.                              |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | <a href="#">TBA</a>   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Adamellite</p> <p>Agglomerate</p> <p>Alcrete (bauxite)</p> <p>Amphibolite</p> <p>Andesite</p> <p>Anhydrite</p> <p>Aplite</p> <p>Arkose</p> <p>Ash (fine)</p> <p>Ash (sandy)</p> <p>Basalt</p> <p>Bombs (volcanic)</p> <p>Breccia</p> <p>Calcarenite</p> <p>Calcareous mudstone</p> <p>Calcareous sand</p> <p>Calcilutite</p> <p>Calcirudite</p> <p>Calcrete</p> <p>Charcoal</p> <p>Chert</p> <p>Clay</p> <p>Coal</p> |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a> |

#### 3.1.1.19.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:rock-outcrop-lithology:simple-result">urn:shapes:plot-description-protocol-shapes:rock-outcrop-lithology:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a> |

#### 3.1.1.19.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:rock-outcrop-lithology:site-visit">urn:shapes:plot-description-protocol-shapes:rock-outcrop-lithology:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot Description are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>       |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a> |

### 3.1.1.19.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:rock-outcrop-lithology:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a>  |

### 3.1.1.19.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:rock-outcrop-lithology:value-type</a> |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .                           |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .       |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols                                   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a></p> |

### 3.1.1.19.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:rock-outcrop-lithology:vocabulary">urn:shapes:plot-description-protocol-shapes:rock-outcrop-lithology:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>1d50eb79-685f-45ea-84b4-627154eddede\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede">https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede">https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede</a> is the IRI for "Soil lithology codes".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a></p>   |

### 3.1.1.20. Surface strew lithology Observation

#### 3.1.1.20.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:plot-description-protocol-shapes:surface-strew-lithology:feature-type">urn:shapes:plot-description-protocol-shapes:surface-strew-lithology:feature-type</a> |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the Australian Soil and Land Survey Field Handbook.                                      |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a> |

### 3.1.1.20.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:surface-strew-lithology:result-value</a>   |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soil lithology codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soil lithology codes controlled vocabulary. |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Adamellite</p> <p>Agglomerate</p> <p>Alcrete (bauxite)</p> <p>Amphibolite</p> <p>Andesite</p> <p>Anhydrite</p> <p>Aplite</p> <p>Arkose</p> <p>Ash (fine)</p> <p>Ash (sandy)</p> <p>Basalt</p> <p>Bombs (volcanic)</p> <p>Breccia</p> <p>Calcarenite</p> <p>Calcareous mudstone</p> <p>Calcareous sand</p> <p>Calcilutite</p> <p>Calcirudite</p> <p>Calcrete</p> <p>Charcoal</p> <p>Chert</p> <p>Clay</p> <p>Coal</p> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a></p> |

#### 3.1.1.20.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:surface-strew-lithology:simple-result">urn:shapes:plot-description-protocol-shapes:surface-strew-lithology:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a></p> |

#### 3.1.1.20.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:surface-strew-lithology:site-visit">urn:shapes:plot-description-protocol-shapes:surface-strew-lithology:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot Description are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>       |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a> |

### 3.1.1.20.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:surface-strew-lithology:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl</a><br><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a>  |

### 3.1.1.20.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:surface-strew-lithology:value-type</a> |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .                            |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .        |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols                                    |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a></p> |

### 3.1.1.20.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:plot-description-protocol-shapes:surface-strew-lithology:vocabulary">urn:shapes:plot-description-protocol-shapes:surface-strew-lithology:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>1d50eb79-685f-45ea-84b4-627154eddede\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede">https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede">https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede</a> is the IRI for "Soil lithology codes".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/plot-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a></p>   |

### 3.1.1.21. Slope Observation

#### 3.1.1.21.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:plot-description-protocol-shapes:slope:feature-type">urn:shapes:plot-description-protocol-shapes:slope:feature-type</a>                   |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>landform</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <code>landform</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status     | <a href="#">submitted</a> <input type="radio"/>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/slope/shapes.ttl">/shapes/plot-description-protocol-shapes/slope/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/slope/valid.ttl">/shapes/plot-description-protocol-shapes/slope/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/slope/invalid.ttl">/shapes/plot-description-protocol-shapes/slope/invalid.ttl</a> |

### 3.1.1.21.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:slope:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/slope/shapes.ttl">/shapes/plot-description-protocol-shapes/slope/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/slope/valid.ttl">/shapes/plot-description-protocol-shapes/slope/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/slope/invalid.ttl">/shapes/plot-description-protocol-shapes/slope/invalid.ttl</a> |

### 3.1.1.21.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:slope:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot Description are made in the context of a site visit.  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/slope/shapes.ttl">/shapes/plot-description-protocol-shapes/slope/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/plot-description-protocol-shapes/slope/valid.ttl">/shapes/plot-description-protocol-shapes/slope/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/slope/invalid.ttl">/shapes/plot-description-protocol-shapes/slope/invalid.ttl</a> |

### 3.1.1.21.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:slope:unit-of-measure</a>  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:DEG</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:DEG</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/slope/shapes.ttl">/shapes/plot-description-protocol-shapes/slope/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/plot-description-protocol-shapes/slope/valid.ttl">/shapes/plot-description-protocol-shapes/slope/valid.ttl</a><br>Invalid: <a href="/shapes/plot-description-protocol-shapes/slope/invalid.ttl">/shapes/plot-description-protocol-shapes/slope/invalid.ttl</a> |

### 3.1.1.21.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:slope:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32">https://linked.data.gov.au/def/nrm/1ff9e97c-3bdd-44c9-bdd3-401fa31c0b32</a> is the IRI for "Plot Description". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/plot-description-protocol-shapes/slope/shapes.ttl">/shapes/plot-description-protocol-shapes/slope/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/plot-description-protocol-shapes/slope/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/slope/invalid.ttl</a> |

### 3.1.1.21.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:slope:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 90 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 90 inclusive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/slope/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/slope/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/slope/invalid.ttl</a> |

### 3.1.1.21.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:plot-description-protocol-shapes:slope:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/plot-description-protocol-shapes/slope/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/plot-description-protocol-shapes/slope/valid.ttl</a><br>Invalid: <a href="#">/shapes/plot-description-protocol-shapes/slope/invalid.ttl</a> |

## 3.1.2. Cover Module

This module has two sub protocols - Full protocol and Lite protocol.

### 3.1.3. Cover - Full protocol Conformance Class Requirements

#### 3.1.3.1. In canopy sky Observation

##### 3.1.3.1.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:in-canopy-sky:datatype</a>   |
| Label               | Datatype   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:boolean.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:boolean.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="#">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

##### 3.1.3.1.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:in-canopy-sky:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                        |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="#">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

##### 3.1.3.1.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:cover-full-protocol-shapes:in-canopy-sky:simple-result</a> |

| Property            | Value  |
|---------------------|--|
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/valid.ttl">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

### 3.1.3.1.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:cover-full-protocol-shapes:in-canopy-sky:site-visit</code>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Cover - Full protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/valid.ttl">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

### 3.1.3.1.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:cover-full-protocol-shapes:in-canopy-sky:used-procedure</code>  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> is the IRI for "Cover - Full protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/valid.ttl">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/valid.ttl</a><br><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/invalid.ttl</a>   |

### 3.1.3.1.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:in-canopy-sky:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/valid.ttl">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/valid.ttl</a><br><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

### 3.1.3.2. Substrate type Observation

#### 3.1.3.2.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:cover-full-protocol-shapes:substrate-type:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land</a> <a href="#">surface</a> <a href="#">substrate</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                    |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-full-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-full-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="#">/shapes/cover/cover-full-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.3.2.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:substrate-type:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soil substrate codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soil substrate codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Bare<br><br>Black ash<br><br>Coarse Woody Debris<br><br>Crypto<br><br>Gravel<br><br>Lichen on outcrop<br><br>Lichen on rock<br><br>Litter<br><br>Not Collected<br><br>Other<br><br>Outcrop<br><br>Rock<br><br>Unknown<br><br>Water<br><br>White ash                   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/cover/cover-full-protocol-shapes/substrate-type/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/substrate-type/valid.ttl">/shapes/cover/cover-full-protocol-shapes/substrate-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/substrate-type/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.3.2.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="urn:shapes:cover-full-protocol-shapes:substrate-type:simple-result">urn:shapes:cover-full-protocol-shapes:substrate-type:simple-result</a>    |
| Label      | Simple result  |
| Definition | The observation's <code>sosa:hasSimpleResult</code> MUST have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/substrate-type/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/substrate-type/valid.ttl">/shapes/cover/cover-full-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/substrate-type/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.3.2.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:cover-full-protocol-shapes:substrate-type:site-visit</code>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Cover - Full protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/substrate-type/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/substrate-type/valid.ttl">/shapes/cover/cover-full-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/substrate-type/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.3.2.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:cover-full-protocol-shapes:substrate-type:used-procedure</code>   |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> is the IRI for "Cover - Full protocol". |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-full-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-full-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="#">/shapes/cover/cover-full-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.3.2.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:substrate-type:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-full-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-full-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="#">/shapes/cover/cover-full-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.3.2.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:cover-full-protocol-shapes:substrate-type:vocabulary</a>   |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b061d7db-a608-4062-96d4-b367d6d9a792\$</a> .   |
| Comment    | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792">https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792">https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792</a> is the IRI for "Soil substrate codes". |
| Status     | submitted ○   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/substrate-type/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/substrate-type/valid.ttl">/shapes/cover/cover-full-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/substrate-type/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.3.3. Uppermost height Observation

#### 3.1.3.3.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:uppermost-height:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl</a> |

#### 3.1.3.3.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:uppermost-height:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl</a> |

### 3.1.3.3.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:uppermost-height:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Cover - Full protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl</a> |

### 3.1.3.3.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:uppermost-height:unit-of-measure</a>   |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M</code> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl</a> |

### 3.1.3.3.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:cover-full-protocol-shapes:uppermost-height:used-procedure">urn:shapes:cover-full-protocol-shapes:uppermost-height:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> is the IRI for "Cover - Full protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl</a><br><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl</a>   |

### 3.1.3.3.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:cover-full-protocol-shapes:uppermost-height:value-range">urn:shapes:cover-full-protocol-shapes:uppermost-height:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> at least be 1.5 m.  |
| Comment             | Value <i>MUST</i> be at least 1.5 m.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl</a><br><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl</a> |

### 3.1.3.3.7. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:cover-full-protocol-shapes:uppermost-height:value-type">urn:shapes:cover-full-protocol-shapes:uppermost-height:value-type</a> |

| Property            | Value  |
|---------------------|--|
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/uppermost-height/invalid.ttl</a> |

### 3.1.3.4. Growth form Observation

#### 3.1.3.4.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:growth-form:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl</a> |

#### 3.1.3.4.2. Result value

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:cover-full-protocol-shapes:growth-form:result-value</a>                           |
| Label      | Result value   |
| Definition | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Growth form codes controlled vocabulary. |

| Property            | Value   |
|---------------------|---|
| Comment             | The value in <b>sosa:hasResult</b> <i>MUST</i> be a value in <b>sh:in</b> , which is the Growth form codes controlled vocabulary. |
| Status              | <b>submitted</b> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Aquatic<br><br>Bryophyte<br><br>Chenopod<br><br>Cycad<br><br>Epiphyte<br><br>Fern<br><br>Forb<br><br>Fungus<br><br>Grass-tree<br><br>Heath-shrub<br><br>Hummock grass<br><br>Lichen<br><br>NC<br><br>Other Grass<br><br>Palm<br><br>Rush<br><br>Samphire Shrub<br><br>Seagrass<br><br>Sedge<br><br>Shrub<br><br>Shrub Mallee<br><br>Tree<br><br>Tree Mallee |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl</a> |

#### 3.1.3.4.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:growth-form:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl</a> |

#### 3.1.3.4.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:growth-form:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Cover - Full protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>                                  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.3.4.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:growth-form:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> is the IRI for "Cover - Full protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl</a>   |

### 3.1.3.4.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:growth-form:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.3.4.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:growth-form:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>d0fc07a7-3ec9-45ed-8850-885a32828d3c\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> is the IRI for "Growth form codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-full-protocol-shapes/growth-form/invalid.ttl</a>   |

### 3.1.3.5. Field species name Observation

#### 3.1.3.5.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:field-species-name:datatype</a>   |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:string.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/cover/cover-full-protocol-shapes/field-species-name/shapes.ttl">/shapes/cover/cover-full-protocol-shapes/field-species-name/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.3.5.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:field-species-name:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                      |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.3.5.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:field-species-name:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.3.5.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:field-species-name:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Cover - Full protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.3.5.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:field-species-name:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> .<br><a href="https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0">https://linked.data.gov.au/def/nrm/576f634e-2706-4f18-b561-0636d4c007d0</a> is the IRI for "Cover - Full protocol". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/invalid.ttl</a>   |

### 3.1.3.5.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-full-protocol-shapes:field-species-name:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/cover/cover-full-protocol-shapes/field-species-name/invalid.ttl</a> |

## 3.1.4. Cover - Lite protocol Conformance Class Requirements

### 3.1.4.1. In canopy sky Observation

#### 3.1.4.1.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:in-canopy-sky:datatype</a>   |
| Label               | Datatype   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:boolean.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:boolean.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

#### 3.1.4.1.2. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:cover-lite-protocol-shapes:in-canopy-sky:feature-type</a> |

| Property            | Value  |
|---------------------|--|
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant occurrence</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

### 3.1.4.1.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:cover-lite-protocol-shapes:in-canopy-sky:simple-result</code>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

### 3.1.4.1.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:cover-lite-protocol-shapes:in-canopy-sky:site-visit</code>               |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                |
| Comment    | Observations following the Cover - Lite protocol are made in the context of a site visit. |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

### 3.1.4.1.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:in-canopy-sky:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> is the IRI for "Cover - Lite protocol". |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/invalid.ttl</a>   |

### 3.1.4.1.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:cover-lite-protocol-shapes:in-canopy-sky:value-type</a> |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <b>tern:Boolean</b> .                 |
| Comment    | The value of <b>sosa:hasResult</b> <i>MUST</i> be a <b>tern:Boolean</b> .      |
| Status     | submitted ○  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

### 3.1.4.2. Substrate type Observation

#### 3.1.4.2.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:substrate-type:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface substrate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl</a> |

#### 3.1.4.2.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:substrate-type:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soil substrate codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soil substrate codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>                                     |
| Conformance Classes | TBA  |

| Property              | Value  |
|-----------------------|--|
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br>Bare<br><br>Black ash<br><br>Coarse Woody Debris<br><br>Crypto<br><br>Gravel<br><br>Lichen on outcrop<br><br>Lichen on rock<br><br>Litter<br><br>Not Collected<br><br>Other<br><br>Outcrop<br><br>Rock<br><br>Unknown<br><br>Water<br><br>White ash |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl</a>   |

### 3.1.4.2.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:cover-lite-protocol-shapes:substrate-type:simple-result</a> |
| Label      | Simple result  |

| Property            | Value  |
|---------------------|--|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl</a> |

#### 3.1.4.2.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:cover-lite-protocol-shapes:substrate-type:site-visit</code>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Cover - Lite protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl</a> |

#### 3.1.4.2.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:cover-lite-protocol-shapes:substrate-type:used-procedure</code>   |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> is the IRI for "Cover - Lite protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl</a>   |

### 3.1.4.2.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:substrate-type:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.4.2.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:cover-lite-protocol-shapes:substrate-type:vocabulary</a>   |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b061d7db-a608-4062-96d4-b367d6d9a792\$</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792">https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792">https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792</a> is the IRI for "Soil substrate codes". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/substrate-type/invalid.ttl</a>  |

### 3.1.4.3. Uppermost height Observation

#### 3.1.4.3.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:cover-lite-protocol-shapes:uppermost-height:feature-type">urn:shapes:cover-lite-protocol-shapes:uppermost-height:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/valid.ttl</a><br><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/invalid.ttl</a> |

#### 3.1.4.3.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:cover-lite-protocol-shapes:uppermost-height:simple-result">urn:shapes:cover-lite-protocol-shapes:uppermost-height:simple-result</a>       |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/invalid.ttl</a> |

### 3.1.4.3.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:cover-lite-protocol-shapes:uppermost-height:site-visit</code>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Cover - Lite protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/invalid.ttl</a> |

### 3.1.4.3.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:cover-lite-protocol-shapes:uppermost-height:unit-of-measure</code>       |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> . |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M</code> .           |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols                               |

| Property   | Value  |
|------------|--|
| Validators | <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/invalid.ttl</a> |

### 3.1.4.3.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:cover-lite-protocol-shapes:uppermost-height:used-procedure">urn:shapes:cover-lite-protocol-shapes:uppermost-height:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> is the IRI for "Cover - Lite protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/invalid.ttl</a>   |

### 3.1.4.3.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:cover-lite-protocol-shapes:uppermost-height:value-range">urn:shapes:cover-lite-protocol-shapes:uppermost-height:value-range</a>     |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value be at least 1.5 m.  |
| Comment             | Value <i>MUST</i> be at least 1.5 m.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/valid.ttl</a><br>Invalid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/invalid.ttl</a> |

### 3.1.4.3.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:uppermost-height:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/valid.ttl</a><br>Invalid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/uppermost-height/invalid.ttl</a> |

### 3.1.4.4. Growth form Observation

#### 3.1.4.4.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:growth-form:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                    |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.4.4.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:cover-lite-protocol-shapes:growth-form:result-value</code>   |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Growth form codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Growth form codes controlled vocabulary. |
| Status              | <code>submitted</code>                                       |
| Conformance Classes | <code>TBA</code>  |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Aquatic<br><br>Bryophyte<br><br>Chenopod<br><br>Cycad<br><br>Epiphyte<br><br>Fern<br><br>Forb<br><br>Fungus<br><br>Grass-tree<br><br>Heath-shrub<br><br>Hummock grass<br><br>Lichen<br><br>NC<br><br>Other Grass<br><br>Palm<br><br>Rush<br><br>Samphire Shrub<br><br>Seagrass<br><br>Sedge<br><br>Shrub<br><br>Shrub Mallee<br><br>Tree<br><br>Tree Mallee |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl</a> |

#### 3.1.4.4.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:growth-form:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl</a> |

#### 3.1.4.4.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:growth-form:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Cover - Lite protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>                                  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl</a> |

#### 3.1.4.4.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:growth-form:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> is the IRI for "Cover - Lite protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl</a>   |

#### 3.1.4.4.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:growth-form:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.4.4.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:growth-form:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>d0fc07a7-3ec9-45ed-8850-885a32828d3c\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> is the IRI for "Growth form codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/cover/cover-lite-protocol-shapes/growth-form/invalid.ttl</a>   |

### 3.1.4.5. Field species name Observation

#### 3.1.4.5.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:field-species-name:datatype</a>   |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:string.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/cover/cover-lite-protocol-shapes/field-species-name/shapes.ttl">/shapes/cover/cover-lite-protocol-shapes/field-species-name/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.4.5.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:field-species-name:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                      |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.4.5.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:field-species-name:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/invalid.ttl</a> |

#### 3.1.4.5.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:field-species-name:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Cover - Lite protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/invalid.ttl</a> |

#### 3.1.4.5.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:field-species-name:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> .<br><a href="https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a">https://linked.data.gov.au/def/nrm/aa1525f9-c3f2-4f7d-98cc-6a7d3aec9d8a</a> is the IRI for "Cover - Lite protocol". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/invalid.ttl</a>   |

### 3.1.4.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:cover-lite-protocol-shapes:field-species-name:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/cover/cover-lite-protocol-shapes/field-species-name/invalid.ttl</a></p> |

## 3.1.5. Opportunistic Observations Module Conformance Class Requirements

### 3.1.5.1. Plant phenology Observation

#### 3.1.5.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:plant-phenology:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/invalid.ttl</a></p> |

### 3.1.5.1.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:plant-phenology:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Phenology type codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Phenology type codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Breeding present</a></li> <li><a href="#">Developing fruit</a></li> <li><a href="#">Flower buds</a></li> <li><a href="#">Flowering</a></li> <li><a href="#">Mature (fresh) fruit</a></li> <li><a href="#">No breeding evident</a></li> <li><a href="#">Not Collected</a></li> <li><a href="#">Seedlings present</a></li> <li><a href="#">Seeds</a></li> <li><a href="#">Senescent (old) fruit</a></li> <li><a href="#">Senescent flower</a></li> <li><a href="#">Vegetative</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/shapes.ttl</a>   |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/invalid.ttl</a></p> |

### 3.1.5.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:plant-phenology:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/invalid.ttl</a></p> |

### 3.1.5.1.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:plant-phenology:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations".</p> |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/invalid.ttl</a></p> |

### 3.1.5.1.5. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:plant-phenology:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/invalid.ttl</a></p> |

### 3.1.5.1.6. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:plant-phenology:vocabulary</a>                                    |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">110398ca-32fa-4f69-b7bb-5aa69d5a5004\$</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/110398ca-32fa-4f69-b7bb-5aa69d5a5004">https://linked.data.gov.au/def/nrm/110398ca-32fa-4f69-b7bb-5aa69d5a5004</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/110398ca-32fa-4f69-b7bb-5aa69d5a5004">https://linked.data.gov.au/def/nrm/110398ca-32fa-4f69-b7bb-5aa69d5a5004</a> is the IRI for "Phenology type codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/plant-phenology/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/plant-phenology/invalid.ttl</a>  |

### 3.1.5.2. Breeding status Observation

#### 3.1.5.2.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:breeding-status:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/breeding-status/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/breeding-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/breeding-status/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/breeding-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/breeding-status/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/breeding-status/invalid.ttl</a> |

#### 3.1.5.2.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:breeding-status:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Breeding status codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Breeding status codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Breeding</a></li> <li><a href="#">Dependent young</a></li> <li><a href="#">Dependent young (in nest)</a></li> <li><a href="#">Gravid (carrying eggs or young)</a></li> <li><a href="#">Lactating</a></li> <li><a href="#">Nesting</a></li> <li><a href="#">Not Applicable</a></li> <li><a href="#">Not breeding</a></li> <li><a href="#">Pregnant</a></li> <li><a href="#">Unknown</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/invalid.ttl</a></p>  |

### 3.1.5.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:breeding-status:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/invalid.ttl</a></p> |

#### 3.1.5.2.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:breeding-status:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/invalid.ttl</a></p>   |

### 3.1.5.2.5. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:breeding-status:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/invalid.ttl</a></p> |

### 3.1.5.2.6. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:breeding-status:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b7dc10d2-c0aa-46b3-94da-685cd0a723e4\$</a> .  |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b7dc10d2-c0aa-46b3-94da-685cd0a723e4">https://linked.data.gov.au/def/nrm/b7dc10d2-c0aa-46b3-94da-685cd0a723e4</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/b7dc10d2-c0aa-46b3-94da-685cd0a723e4">https://linked.data.gov.au/def/nrm/b7dc10d2-c0aa-46b3-94da-685cd0a723e4</a> is the IRI for "Breeding status codes".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/breeding-status/invalid.ttl</a></p>  |

### 3.1.5.3. Taxa type Observation

#### 3.1.5.3.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:taxa-type:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                       |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/taxa-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/taxa-type/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/taxa-type/invalid.ttl</a> |

#### 3.1.5.3.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:taxa-type:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Taxa type codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Taxa type codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>                                      |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br><i>Amphibian</i><br><br><i>Bird</i><br><br><i>Invertebrate</i><br><br><i>Mammal</i><br><br><i>Non-vascular plant</i><br><br><i>Reptile</i><br><br><i>Vascular plant</i>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/invalid.ttl</a> |

### 3.1.5.3.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:taxa-type:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/invalid.ttl</a> |

### 3.1.5.3.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:taxa-type:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/invalid.ttl</a>  |

### 3.1.5.3.5. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:taxa-type:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/invalid.ttl</a> |

### 3.1.5.3.6. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:opportunistic-observations-protocol-shapes:taxa-type:vocabulary">urn:shapes:opportunistic-observations-protocol-shapes:taxa-type:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>7ea12fed-6b87-4c20-9ab4-600b32ce15ec\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/7ea12fed-6b87-4c20-9ab4-600b32ce15ec">https://linked.data.gov.au/def/nrm/7ea12fed-6b87-4c20-9ab4-600b32ce15ec</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7ea12fed-6b87-4c20-9ab4-600b32ce15ec">https://linked.data.gov.au/def/nrm/7ea12fed-6b87-4c20-9ab4-600b32ce15ec</a> is the IRI for "Taxa type codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/taxa-type/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/taxa-type/invalid.ttl</a>  |

### 3.1.5.4. Vegetation type Observation

#### 3.1.5.4.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:opportunistic-observations-protocol-shapes:vegetation-type:feature-type">urn:shapes:opportunistic-observations-protocol-shapes:vegetation-type:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant occurrence</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/invalid.ttl</a> |

### 3.1.5.4.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:vegetation-type:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Vegetation type codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Vegetation type codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | The result value MUST be from the following list:<br><br><b>Farmland</b><br><br><b>Forest</b><br><br><b>Garden</b><br><br><b>Grassland</b><br><br><b>Mallee</b><br><br><b>Orchard</b><br><br><b>Park</b><br><br><b>Plantation</b><br><br><b>Remnant vegetation</b><br><br><b>Revegetation</b><br><br><b>Rock Community</b><br><br><b>Saltbush/Samphire</b><br><br><b>Scrubland</b><br><br><b>Sedgeland</b><br><br><b>Shrubland</b><br><br><b>Spinifex</b><br><br><b>Wetland/Riparian</b><br><br><b>Woodland</b> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/shapes.ttl</a>   |
| Examples              | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/invalid.ttl</a>  |

### 3.1.5.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:vegetation-type:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/invalid.ttl</a></p> |

### 3.1.5.4.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:vegetation-type:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/invalid.ttl</a> |

#### 3.1.5.4.5. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:vegetation-type:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/invalid.ttl</a> |

#### 3.1.5.4.6. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:vegetation-type:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>2f585fb4-996c-483c-9f9f-65e5bbd171b3\$</code> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/2f585fb4-996c-483c-9f9f-65e5bbd171b3">https://linked.data.gov.au/def/nrm/2f585fb4-996c-483c-9f9f-65e5bbd171b3</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/2f585fb4-996c-483c-9f9f-65e5bbd171b3">https://linked.data.gov.au/def/nrm/2f585fb4-996c-483c-9f9f-65e5bbd171b3</a> is the IRI for "Vegetation type codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/valid.ttl</a><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/vegetation-type/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/vegetation-type/invalid.ttl</a> |

### 3.1.5.5. Sex Observation

#### 3.1.5.5.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:sex:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/sex/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/sex/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/sex/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/sex/valid.ttl</a><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/sex/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/sex/invalid.ttl</a> |

#### 3.1.5.5.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:sex:result-value</a>   |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Animal sex codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Animal sex codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>                                 |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Female<br><br>Male<br><br>Mixed Sexes<br><br>NA<br><br>Not Recorded<br><br>Unknown  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/opportunistic-observations-protocol-shapes/sex/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.5.5.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:sex:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .                              |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/sex/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.5.5.4. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:sex:used-procedure</a> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/sex/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/sex/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/sex/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/sex/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/sex/invalid.ttl</a>  |

### 3.1.5.5.5. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:opportunistic-observations-protocol-shapes:sex:value-type">urn:shapes:opportunistic-observations-protocol-shapes:sex:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/sex/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/sex/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/sex/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/sex/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.5.5.6. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:opportunistic-observations-protocol-shapes:sex:vocabulary">urn:shapes:opportunistic-observations-protocol-shapes:sex:vocabulary</a> |
| Label      | Vocabulary  |
| Definition | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>fcc3a1e1-3e35-4a4f-bd44-eface035025c\$</code> .                           |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c">https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c">https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c</a> is the IRI for "Animal sex codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/sex/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/sex/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/sex/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/sex/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/sex/invalid.ttl</a>   |

### 3.1.5.6. Animal testes condition Observation

#### 3.1.5.6.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:opportunistic-observations-protocol-shapes:animal-testes-condition:feature-type">urn:shapes:opportunistic-observations-protocol-shapes:animal-testes-condition:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/invalid.ttl</a> |

#### 3.1.5.6.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:opportunistic-observations-protocol-shapes:animal-testes-condition:result-value">urn:shapes:opportunistic-observations-protocol-shapes:animal-testes-condition:result-value</a> |

| Property              | Value   |
|-----------------------|---|
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Animal testes condition codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Animal testes condition codes controlled vocabulary.   |
| Status                | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <p><code>Abdominal</code></p> <p><code>Scrotal</code></p>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/shapes.ttl</code>  |
| Examples              | <p>Valid: <code>/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/valid.ttl</code></p> <p>Invalid: <code>/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/invalid.ttl</code></p> |

### 3.1.5.6.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:opportunistic-observations-protocol-shapes:animal-testes-condition:simple-result</code>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/shapes.ttl</code>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/invalid.ttl</a> |

#### 3.1.5.6.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:animal-testes-condition:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/invalid.ttl</a>                    |

#### 3.1.5.6.5. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:animal-testes-condition:value-type</a>      |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .                       |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/shapes.ttl  |
| Examples   | Valid: /shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/valid.ttl<br><br>Invalid: /shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/invalid.ttl |

### 3.1.5.6.6. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:opportunistic-observations-protocol-shapes:animal-testes-condition:vocabulary   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c5d3877d-1a83-4a87-9bdd-05f77c516df6\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c5d3877d-1a83-4a87-9bdd-05f77c516df6">https://linked.data.gov.au/def/nrm/c5d3877d-1a83-4a87-9bdd-05f77c516df6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c5d3877d-1a83-4a87-9bdd-05f77c516df6">https://linked.data.gov.au/def/nrm/c5d3877d-1a83-4a87-9bdd-05f77c516df6</a> is the IRI for "Animal testes condition codes". |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/shapes.ttl  |
| Examples            | Valid: /shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/valid.ttl<br><br>Invalid: /shapes/opportunistic-observations-protocol-shapes/animal-testes-condition/invalid.ttl   |

### 3.1.5.7. Age class Observation

#### 3.1.5.7.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:opportunistic-observations-protocol-shapes:age-class:feature-type                     |
| Label      | Feature type   |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>animal occurrence</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | TERN's ecologists have determined the feature type is <i>animal occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/valid.ttl</a><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/invalid.ttl</a> |

### 3.1.5.7.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:age-class:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Age class codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Age class codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><i>Adult</i><br><i>Eggs/egg mass</i><br><i>Immature (sub-adult)</i><br><i>Juvenile</i><br><i>Larvae</i><br><i>Metamorph</i><br><i>Not Applicable</i><br><i>Nymph</i><br><i>Tadpole</i><br><i>Unknown</i>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/valid.ttl</a><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/invalid.ttl</a> |

### 3.1.5.7.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:age-class:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/invalid.ttl</a> |

#### 3.1.5.7.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:age-class:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/invalid.ttl</a>  |

#### 3.1.5.7.5. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:age-class:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/invalid.ttl</a> |

### 3.1.5.7.6. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:age-class:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>0e2641c3-0d7e-4d94-8cd7-02c21d564630\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630">https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630">https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630</a> is the IRI for "Age class codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/age-class/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/age-class/invalid.ttl</a>   |

### 3.1.5.8. Teat status Observation

#### 3.1.5.8.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:teat-status:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="#">/shapes/opportunistic-observations-protocol-shapes/teat-status/shapes.ttl</a>  |
| Examples   | Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/teat-status/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/teat-status/invalid.ttl</a> |

### 3.1.5.8.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:teat-status:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Animal teats condition codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Animal teats condition codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Button</a><br><br><a href="#">Distended</a><br><br><a href="#">Lactating</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/opportunistic-observations-protocol-shapes/teat-status/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/teat-status/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/teat-status/invalid.ttl</a> |

### 3.1.5.8.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:teat-status:simple-result</a> |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/teat-status/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/teat-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/teat-status/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/teat-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/teat-status/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/teat-status/invalid.ttl</a></p> |

### 3.1.5.8.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:opportunistic-observations-protocol-shapes:teat-status:used-procedure</code>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations".</p> |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/teat-status/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/teat-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/teat-status/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/teat-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/teat-status/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/teat-status/invalid.ttl</a></p>   |

### 3.1.5.8.5. Value type

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:opportunistic-observations-protocol-shapes:teat-status:value-type</code> |

| Property            | Value  |
|---------------------|--|
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/teat-status/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/teat-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/teat-status/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/teat-status/valid.ttl</a><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/teat-status/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/teat-status/invalid.ttl</a> |

### 3.1.5.8.6. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:teat-status:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">d2665d51-db1d-48ad-a80d-48593d280b76\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/d2665d51-db1d-48ad-a80d-48593d280b76">https://linked.data.gov.au/def/nrm/d2665d51-db1d-48ad-a80d-48593d280b76</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/d2665d51-db1d-48ad-a80d-48593d280b76">https://linked.data.gov.au/def/nrm/d2665d51-db1d-48ad-a80d-48593d280b76</a> is the IRI for "Animal teats condition codes". |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/teat-status/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/teat-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/teat-status/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/teat-status/valid.ttl</a><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/teat-status/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/teat-status/invalid.ttl</a>   |

### 3.1.5.9. Microhabitat tier 1 Observation

#### 3.1.5.9.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-1:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/invalid.ttl</a></p> |

### 3.1.5.9.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-1:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Microhabitat tier 1 codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Microhabitat tier 1 codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>above<br><br>adjacent<br><br>amongst<br><br>around<br><br>at<br><br>below<br><br>in<br><br>on<br><br>over<br><br>under<br><br>within  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/invalid.ttl</a> |

### 3.1.5.9.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-1:simple-result">urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-1:simple-result</a> |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .                                 |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/shapes.ttl  |
| Examples   | Valid: /shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/valid.ttl<br><br>Invalid: /shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/invalid.ttl |

#### 3.1.5.9.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-1:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/shapes.ttl   |
| Examples            | Valid: /shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/valid.ttl<br><br>Invalid: /shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/invalid.ttl  |

#### 3.1.5.9.5. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-1:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                     |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .    |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/invalid.ttl</a></p> |

### 3.1.5.9.6. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-1:vocabulary">urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-1:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="66034d49-50d7-4042-a252-c2bd249d2a4b\$">66034d49-50d7-4042-a252-c2bd249d2a4b\$</a> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/66034d49-50d7-4042-a252-c2bd249d2a4b">https://linked.data.gov.au/def/nrm/66034d49-50d7-4042-a252-c2bd249d2a4b</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/66034d49-50d7-4042-a252-c2bd249d2a4b">https://linked.data.gov.au/def/nrm/66034d49-50d7-4042-a252-c2bd249d2a4b</a> is the IRI for "Microhabitat tier 1 codes".</p> |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-1/invalid.ttl</a></p>  |

### 3.1.5.10. Microhabitat tier 2 Observation

#### 3.1.5.10.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-2:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/invalid.ttl</a></p> |

### 3.1.5.10.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-2:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Microhabitat tier 2 codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Microhabitat tier 2 codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Farmland<br><br>Forest<br><br>Garden<br><br>Grassland<br><br>Mallee<br><br>Orchard<br><br>Park<br><br>Plantation<br><br>Remnant vegetation<br><br>Revegetation<br><br>Rock Community<br><br>Saltbush/Samphire<br><br>Scrubland<br><br>Sedgeland<br><br>Shrubland<br><br>Spinifex<br><br>Wetland/Riparian<br><br>Woodland          |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/invalid.ttl</a> |

### 3.1.5.10.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-2:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/invalid.ttl</a></p> |

### 3.1.5.10.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-2:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/invalid.ttl</a> |

### 3.1.5.10.5. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-2:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/invalid.ttl</a> |

### 3.1.5.10.6. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:microhabitat-tier-2:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">48f0bb5d-5451-42a1-ad60-7ddca485412d\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/48f0bb5d-5451-42a1-ad60-7ddca485412d">https://linked.data.gov.au/def/nrm/48f0bb5d-5451-42a1-ad60-7ddca485412d</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/48f0bb5d-5451-42a1-ad60-7ddca485412d">https://linked.data.gov.au/def/nrm/48f0bb5d-5451-42a1-ad60-7ddca485412d</a> is the IRI for "Microhabitat tier 2 codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/microhabitat-tier-2/invalid.ttl</a> |

### 3.1.5.11. Growth form Observation

#### 3.1.5.11.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:opportunistic-observations-protocol-shapes:growth-form:feature-type">urn:shapes:opportunistic-observations-protocol-shapes:growth-form:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/invalid.ttl</a> |

#### 3.1.5.11.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:opportunistic-observations-protocol-shapes:growth-form:result-value">urn:shapes:opportunistic-observations-protocol-shapes:growth-form:result-value</a> |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Growth form codes controlled vocabulary.   |
| Comment    | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Growth form codes controlled vocabulary.                               |
| Status     | <a href="#">submitted</a>    |

| Property               | Value |
|------------------------|-------|
| Conformance<br>Classes | TBA   |
| Property               | Value |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Aquatic<br><br>Bryophyte<br><br>Chenopod<br><br>Cycad<br><br>Epiphyte<br><br>Fern<br><br>Forb<br><br>Fungus<br><br>Grass-tree<br><br>Heath-shrub<br><br>Hummock grass<br><br>Lichen<br><br>NC<br><br>Other Grass<br><br>Palm<br><br>Rush<br><br>Samphire Shrub<br><br>Seagrass<br><br>Sedge<br><br>Shrub<br><br>Shrub Mallee<br><br>Tree<br><br>Tree Mallee |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.5.11.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:growth-form:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.5.11.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:growth-form:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations". |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.5.11.5. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:growth-form:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.5.11.6. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:growth-form:vocabulary</a>  |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">d0fc07a7-3ec9-45ed-8850-885a32828d3c\$</a> .   |
| Comment    | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> is the IRI for "Growth form codes". |
| Status     | <a href="#">submitted</a>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/growth-form/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.5.12. Habitat description Observation

#### 3.1.5.12.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:habitat-description:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">habitat</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>site</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/habitat-description/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/habitat-description/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/habitat-description/valid.ttl</a><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/habitat-description/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/habitat-description/invalid.ttl</a> |

#### 3.1.5.12.2. Result value

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:habitat-description:result-value</a>   |
| Label      | Result value   |
| Definition | If the value type is <code>tern:IRI</code> , the value of <code>rdf:value</code> <i>MUST</i> exist in the Habitat description codes controlled vocabulary. |

| Property            | Value   |
|---------------------|---|
| Comment             | If the value type is <code>tern:IRI</code> , the value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Habitat description codes controlled vocabulary.                                |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.5.12.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:opportunistic-observations-protocol-shapes:habitat-description:simple-result</code>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.5.12.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:opportunistic-observations-protocol-shapes:habitat-description:used-procedure</code> |
| Label      | Used procedure  |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/habitat-description/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/habitat-description/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/habitat-description/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/habitat-description/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/habitat-description/invalid.ttl</a>                                    |

### 3.1.5.12.5. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:opportunistic-observations-protocol-shapes:habitat-description:value-type</code>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> or <code>tern:Text</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> or <code>tern:Text</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/habitat-description/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/habitat-description/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/habitat-description/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/habitat-description/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/habitat-description/invalid.ttl</a> |

### 3.1.5.12.6. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:habitat-description:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a> is the IRI for "Habitat description codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/habitat-description/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/habitat-description/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/habitat-description/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/habitat-description/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/habitat-description/invalid.ttl</a>   |

### 3.1.5.13. Number of individuals Observation

#### 3.1.5.13.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:number-of-individuals:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                       |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/invalid.ttl</a> |

### 3.1.5.13.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:number-of-individuals:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/invalid.ttl</a> |

### 3.1.5.13.3. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:number-of-individuals:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations". |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.5.13.4. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:number-of-individuals:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> be a positive integer.   |
| Comment             | Value <i>MUST</i> not be negative.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.5.13.5. Value type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:number-of-individuals:value-type</a> |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .                                |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .            |
| Status     | <a href="#">submitted</a> <input type="radio"/>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.5.14. Field species name Observation

#### 3.1.5.14.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:field-species-name:datatype</a>   |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:string.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/field-species-name/invalid.ttl</a></p> |

#### 3.1.5.14.2. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:field-species-name:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant occurrence</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/field-species-name/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/field-species-name/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/field-species-name/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.5.14.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:opportunistic-observations-protocol-shapes:field-species-name:simple-result">urn:shapes:opportunistic-observations-protocol-shapes:field-species-name:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/field-species-name/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/field-species-name/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/field-species-name/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.5.14.4. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="urn:shapes:opportunistic-observations-protocol-shapes:field-species-name:used-procedure">urn:shapes:opportunistic-observations-protocol-shapes:field-species-name:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/field-species-name/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/field-species-name/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/field-species-name/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/field-species-name/invalid.ttl</a>  |

### 3.1.5.14.5. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:opportunistic-observations-protocol-shapes:field-species-name:value-type">urn:shapes:opportunistic-observations-protocol-shapes:field-species-name:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/field-species-name/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/field-species-name/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/field-species-name/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.5.15. Animal pouch condition Observation

#### 3.1.5.15.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:animal-pouch-condition:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/invalid.ttl</a></p> |

### 3.1.5.15.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:animal-pouch-condition:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Animal pouch condition codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Animal pouch condition codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Developed</a></li> <li><a href="#">Not developed</a></li> <li><a href="#">Young present</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/invalid.ttl</a></p> |

### 3.1.5.15.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:opportunistic-observations-protocol-shapes:animal-pouch-condition:simple-result">urn:shapes:opportunistic-observations-protocol-shapes:animal-pouch-condition:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/invalid.ttl</a></p> |

### 3.1.5.15.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:opportunistic-observations-protocol-shapes:animal-pouch-condition:used-procedure">urn:shapes:opportunistic-observations-protocol-shapes:animal-pouch-condition:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/invalid.ttl</a></p> |

### 3.1.5.15.5. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:animal-pouch-condition:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/invalid.ttl</a></p> |

### 3.1.5.15.6. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:animal-pouch-condition:vocabulary</a>                          |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>4fab0c1c-c127-474e-8f5e-4afe45fec0ed\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4fab0c1c-c127-474e-8f5e-4afe45fec0ed">https://linked.data.gov.au/def/nrm/4fab0c1c-c127-474e-8f5e-4afe45fec0ed</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/4fab0c1c-c127-474e-8f5e-4afe45fec0ed">https://linked.data.gov.au/def/nrm/4fab0c1c-c127-474e-8f5e-4afe45fec0ed</a> is the IRI for "Animal pouch condition codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/animal-pouch-condition/invalid.ttl</a>  |

### 3.1.5.16. Vaginal condition Observation

#### 3.1.5.16.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:vaginal-condition:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/invalid.ttl</a> |

### 3.1.5.16.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:vaginal-condition:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Vaginal condition codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Vaginal condition codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Imperforate</a><br><br><a href="#">Perforate</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/invalid.ttl</a> |

### 3.1.5.16.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:vaginal-condition:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/opportunistic-observations-protocol-shapes/vaginal-condition/shapes.ttl  |
| Examples   | Valid: /shapes/opportunistic-observations-protocol-shapes/vaginal-condition/valid.ttl<br><br>Invalid: /shapes/opportunistic-observations-protocol-shapes/vaginal-condition/invalid.ttl |

### 3.1.5.16.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:opportunistic-observations-protocol-shapes:vaginal-condition:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/opportunistic-observations-protocol-shapes/vaginal-condition/shapes.ttl   |
| Examples            | Valid: /shapes/opportunistic-observations-protocol-shapes/vaginal-condition/valid.ttl<br><br>Invalid: /shapes/opportunistic-observations-protocol-shapes/vaginal-condition/invalid.ttl  |

### 3.1.5.16.5. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:opportunistic-observations-protocol-shapes:vaginal-condition:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                   |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status     | submitted ○  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/invalid.ttl</a></p> |

### 3.1.5.16.6. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:opportunistic-observations-protocol-shapes:vaginal-condition:vocabulary">urn:shapes:opportunistic-observations-protocol-shapes:vaginal-condition:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>09de3b86-616e-49af-a34c-903cf7dec443\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/09de3b86-616e-49af-a34c-903cf7dec443">https://linked.data.gov.au/def/nrm/09de3b86-616e-49af-a34c-903cf7dec443</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/09de3b86-616e-49af-a34c-903cf7dec443">https://linked.data.gov.au/def/nrm/09de3b86-616e-49af-a34c-903cf7dec443</a> is the IRI for "Vaginal condition codes".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/vaginal-condition/invalid.ttl</a></p>  |

### 3.1.5.17. Fauna behaviour Observation

#### 3.1.5.17.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:opportunistic-observations-protocol-shapes:fauna-behaviour:feature-type">urn:shapes:opportunistic-observations-protocol-shapes:fauna-behaviour:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>animal occurrence</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/invalid.ttl</a></p> |

### 3.1.5.17.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <code>urn:shapes:opportunistic-observations-protocol-shapes:fauna-behaviour:result-value</code>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Animal behaviour codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Animal behaviour codes controlled vocabulary.  |
| Status                | <code>submitted</code> ○  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Feeding</code></li> <li><code>Flying</code></li> <li><code>Resting</code></li> <li><code>Roosting</code></li> <li><code>Sleeping</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/invalid.ttl</a></p> |

### 3.1.5.17.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:opportunistic-observations-protocol-shapes:fauna-behaviour:simple-result">urn:shapes:opportunistic-observations-protocol-shapes:fauna-behaviour:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/invalid.ttl</a></p> |

### 3.1.5.17.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:opportunistic-observations-protocol-shapes:fauna-behaviour:used-procedure">urn:shapes:opportunistic-observations-protocol-shapes:fauna-behaviour:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6">https://linked.data.gov.au/def/nrm/6fd39a33-9c4f-469e-80a5-e76b5d5f04a6</a> is the IRI for "Opportunistic observations".</p> |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/invalid.ttl</a></p> |

### 3.1.5.17.5. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:fauna-behaviour:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/valid.ttl</a></p> <p>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/invalid.ttl</a></p> |

### 3.1.5.17.6. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:opportunistic-observations-protocol-shapes:fauna-behaviour:vocabulary</a>                                    |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">1301857c-4e02-4000-966b-a0d0ce60368f\$</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1301857c-4e02-4000-966b-a0d0ce60368f">https://linked.data.gov.au/def/nrm/1301857c-4e02-4000-966b-a0d0ce60368f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1301857c-4e02-4000-966b-a0d0ce60368f">https://linked.data.gov.au/def/nrm/1301857c-4e02-4000-966b-a0d0ce60368f</a> is the IRI for "Animal behaviour codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/shapes.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/valid.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/valid.ttl</a><br><br>Invalid: <a href="/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/invalid.ttl">/shapes/opportunistic-observations-protocol-shapes/fauna-behaviour/invalid.ttl</a>  |

### 3.1.6. Floristics Module

This module has two sub protocols - Full protocol and Lite protocol

### 3.1.7. Floristics - Full protocol Conformance Class Requirements

#### 3.1.7.1. Growth form Observation

##### 3.1.7.1.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:floristics-full-protocol-shapes:growth-form:feature-type">urn:shapes:floristics-full-protocol-shapes:growth-form:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.7.1.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:floristics-full-protocol-shapes:growth-form:result-value</code>  |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Growth form codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Growth form codes controlled vocabulary. |
| Status              | <code>submitted</code>                                       |
| Conformance Classes | <code>TBA</code>  |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Aquatic<br><br>Bryophyte<br><br>Chenopod<br><br>Cycad<br><br>Epiphyte<br><br>Fern<br><br>Forb<br><br>Fungus<br><br>Grass-tree<br><br>Heath-shrub<br><br>Hummock grass<br><br>Lichen<br><br>NC<br><br>Other Grass<br><br>Palm<br><br>Rush<br><br>Samphire Shrub<br><br>Seagrass<br><br>Sedge<br><br>Shrub<br><br>Shrub Mallee<br><br>Tree<br><br>Tree Mallee |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.7.1.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:floristics-full-protocol-shapes:growth-form:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.7.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:floristics-full-protocol-shapes:growth-form:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Floristics - Full protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.7.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:floristics-full-protocol-shapes:growth-form:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/35175f0d-bdd7-4e32-908f-17f7239e78fa">https://linked.data.gov.au/def/nrm/35175f0d-bdd7-4e32-908f-17f7239e78fa</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/35175f0d-bdd7-4e32-908f-17f7239e78fa">https://linked.data.gov.au/def/nrm/35175f0d-bdd7-4e32-908f-17f7239e78fa</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/35175f0d-bdd7-4e32-908f-17f7239e78fa">https://linked.data.gov.au/def/nrm/35175f0d-bdd7-4e32-908f-17f7239e78fa</a> is the IRI for "Floristics - Full protocol". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl</a>  |

### 3.1.7.1.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:floristics-full-protocol-shapes:growth-form:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.7.1.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:floristics-full-protocol-shapes:growth-form:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">d0fc07a7-3ec9-45ed-8850-885a32828d3c\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> is the IRI for "Growth form codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/floristics/floristics-full-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-full-protocol-shapes/growth-form/invalid.ttl</a>   |

### 3.1.7.2. Field species name Observation

#### 3.1.7.2.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:floristics-full-protocol-shapes:field-species-name:datatype</a>                        |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.                              |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/floristics/floristics-full-protocol-shapes/field-species-name/shapes.ttl   |
| Examples   | Valid: /shapes/floristics/floristics-full-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/floristics/floristics-full-protocol-shapes/field-species-name/invalid.ttl |

### 3.1.7.2.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:floristics-full-protocol-shapes:field-species-name:feature-type   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant occurrence</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                          |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/floristics/floristics-full-protocol-shapes/field-species-name/shapes.ttl   |
| Examples            | Valid: /shapes/floristics/floristics-full-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/floristics/floristics-full-protocol-shapes/field-species-name/invalid.ttl |

### 3.1.7.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:floristics-full-protocol-shapes:field-species-name:simple-result   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/floristics/floristics-full-protocol-shapes/field-species-name/shapes.ttl">/shapes/floristics/floristics-full-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/floristics/floristics-full-protocol-shapes/field-species-name/valid.ttl">/shapes/floristics/floristics-full-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/floristics/floristics-full-protocol-shapes/field-species-name/invalid.ttl">/shapes/floristics/floristics-full-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.7.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:floristics-full-protocol-shapes:field-species-name:site-visit">urn:shapes:floristics-full-protocol-shapes:field-species-name:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Floristics - Full protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/floristics/floristics-full-protocol-shapes/field-species-name/shapes.ttl">/shapes/floristics/floristics-full-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/floristics/floristics-full-protocol-shapes/field-species-name/valid.ttl">/shapes/floristics/floristics-full-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/floristics/floristics-full-protocol-shapes/field-species-name/invalid.ttl">/shapes/floristics/floristics-full-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.7.2.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:floristics-full-protocol-shapes:field-species-name:used-procedure">urn:shapes:floristics-full-protocol-shapes:field-species-name:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/35175f0d-bdd7-4e32-908f-17f7239e78fa">https://linked.data.gov.au/def/nrm/35175f0d-bdd7-4e32-908f-17f7239e78fa</a> .   |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/35175f0d-bdd7-4e32-908f-17f7239e78fa">https://linked.data.gov.au/def/nrm/35175f0d-bdd7-4e32-908f-17f7239e78fa</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/35175f0d-bdd7-4e32-908f-17f7239e78fa">https://linked.data.gov.au/def/nrm/35175f0d-bdd7-4e32-908f-17f7239e78fa</a> is the IRI for "Floristics - Full protocol".</p> |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/floristics/floristics-full-protocol-shapes/field-species-name/shapes.ttl">/shapes/floristics/floristics-full-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/floristics/floristics-full-protocol-shapes/field-species-name/valid.ttl">/shapes/floristics/floristics-full-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/floristics/floristics-full-protocol-shapes/field-species-name/invalid.ttl">/shapes/floristics/floristics-full-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.7.2.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:floristics-full-protocol-shapes:field-species-name:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/floristics/floristics-full-protocol-shapes/field-species-name/shapes.ttl">/shapes/floristics/floristics-full-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/floristics/floristics-full-protocol-shapes/field-species-name/valid.ttl">/shapes/floristics/floristics-full-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/floristics/floristics-full-protocol-shapes/field-species-name/invalid.ttl">/shapes/floristics/floristics-full-protocol-shapes/field-species-name/invalid.ttl</a> |

## 3.1.8. Floristics - Lite protocol Conformance Class Requirements

### 3.1.8.1. Growth form Observation

#### 3.1.8.1.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:floristics-lite-protocol-shapes:growth-form:feature-type</a>                   |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.8.1.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:floristics-lite-protocol-shapes:growth-form:result-value">urn:shapes:floristics-lite-protocol-shapes:growth-form:result-value</a> |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Growth form codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Growth form codes controlled vocabulary.         |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Aquatic<br><br>Bryophyte<br><br>Chenopod<br><br>Cycad<br><br>Epiphyte<br><br>Fern<br><br>Forb<br><br>Fungus<br><br>Grass-tree<br><br>Heath-shrub<br><br>Hummock grass<br><br>Lichen<br><br>NC<br><br>Other Grass<br><br>Palm<br><br>Rush<br><br>Samphire Shrub<br><br>Seagrass<br><br>Sedge<br><br>Shrub<br><br>Shrub Mallee<br><br>Tree<br><br>Tree Mallee |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.8.1.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:floristics-lite-protocol-shapes:growth-form:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.8.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:floristics-lite-protocol-shapes:growth-form:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Floristics - Lite protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.8.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:floristics-lite-protocol-shapes:growth-form:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bc2ba93e-43f9-425f-83cd-bbf5c422bdf8">https://linked.data.gov.au/def/nrm/bc2ba93e-43f9-425f-83cd-bbf5c422bdf8</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bc2ba93e-43f9-425f-83cd-bbf5c422bdf8">https://linked.data.gov.au/def/nrm/bc2ba93e-43f9-425f-83cd-bbf5c422bdf8</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bc2ba93e-43f9-425f-83cd-bbf5c422bdf8">https://linked.data.gov.au/def/nrm/bc2ba93e-43f9-425f-83cd-bbf5c422bdf8</a> is the IRI for "Floristics - Lite protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl</a>  |

### 3.1.8.1.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:floristics-lite-protocol-shapes:growth-form:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.8.1.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:floristics-lite-protocol-shapes:growth-form:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">d0fc07a7-3ec9-45ed-8850-885a32828d3c\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> is the IRI for "Growth form codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/growth-form/invalid.ttl</a>   |

### 3.1.8.2. Field species name Observation

#### 3.1.8.2.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:floristics-lite-protocol-shapes:field-species-name:datatype</a>                        |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.                              |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/floristics/floristics-lite-protocol-shapes/field-species-name/shapes.ttl   |
| Examples   | Valid: /shapes/floristics/floristics-lite-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/floristics/floristics-lite-protocol-shapes/field-species-name/invalid.ttl |

### 3.1.8.2.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:floristics-lite-protocol-shapes:field-species-name:feature-type   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant occurrence</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                          |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/floristics/floristics-lite-protocol-shapes/field-species-name/shapes.ttl   |
| Examples            | Valid: /shapes/floristics/floristics-lite-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/floristics/floristics-lite-protocol-shapes/field-species-name/invalid.ttl |

### 3.1.8.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:floristics-lite-protocol-shapes:field-species-name:simple-result   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/shapes.ttl">/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/valid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/invalid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.8.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:floristics-lite-protocol-shapes:field-species-name:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Floristics - Lite protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/shapes.ttl">/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/valid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/invalid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.8.2.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:floristics-lite-protocol-shapes:field-species-name:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bc2ba93e-43f9-425f-83cd-bbf5c422bdf8">https://linked.data.gov.au/def/nrm/bc2ba93e-43f9-425f-83cd-bbf5c422bdf8</a> .   |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bc2ba93e-43f9-425f-83cd-bbf5c422bdf8">https://linked.data.gov.au/def/nrm/bc2ba93e-43f9-425f-83cd-bbf5c422bdf8</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/bc2ba93e-43f9-425f-83cd-bbf5c422bdf8">https://linked.data.gov.au/def/nrm/bc2ba93e-43f9-425f-83cd-bbf5c422bdf8</a> is the IRI for "Floristics - Lite protocol".</p> |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/shapes.ttl">/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/valid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/invalid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.8.2.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:floristics-lite-protocol-shapes:field-species-name:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/shapes.ttl">/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/valid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/invalid.ttl">/shapes/floristics/floristics-lite-protocol-shapes/field-species-name/invalid.ttl</a> |

## 3.1.9. Condition Module

This module has three sub protocols - Point intercept, Vegetation age class structure (sub-plot), Vertebrate pest presence (plot)

### 3.1.10. Condition - Point intercept protocol Conformance Class Requirements

#### 3.1.10.1. Galls and lerps Observation

##### 3.1.10.1.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:galls-and-lerps:datatype</a>   |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:boolean.  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:boolean.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

### 3.1.10.1.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:galls-and-lerps:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

### 3.1.10.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:galls-and-lerps:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

#### 3.1.10.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:galls-and-lerps:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

#### 3.1.10.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:galls-and-lerps:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/invalid.ttl</a></p>                 |

### 3.1.10.1.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:galls-and-lerps:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Boolean</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Boolean</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

### 3.1.10.2. Growth stage Observation

#### 3.1.10.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:growth-stage:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/invalid.ttl</a></p> |

#### 3.1.10.2.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:growth-stage:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Growth stages codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Growth stages codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>                                    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Dead<br><br>Mature<br><br>Recruiting<br><br>Resprouting<br><br>Senescent  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.10.2.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:growth-stage:simple-result">urn:shapes:condition-point-intercept-protocol-shapes:growth-stage:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.10.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:growth-stage:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/invalid.ttl</a></p> |

### 3.1.10.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:growth-stage:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.10.2.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:growth-stage:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.10.2.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:growth-stage:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>096e018a-fb8f-4ba1-9fdc-302164e57682\$</code> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> is the IRI for "Growth stages codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/shapes.ttl  |
| Examples   | Valid: /shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/valid.ttl<br><br>Invalid: /shapes/condition/condition-point-intercept-protocol-shapes/growth-stage/invalid.ttl |

### 3.1.10.3. Epicormic growth Observation

#### 3.1.10.3.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:condition-point-intercept-protocol-shapes:epicormic-growth:datatype   |
| Label               | Datatype   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:boolean.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:boolean.   |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/shapes.ttl  |
| Examples            | Valid: /shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/valid.ttl<br><br>Invalid: /shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/invalid.ttl |

#### 3.1.10.3.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-point-intercept-protocol-shapes:epicormic-growth:feature-type  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | submitted    |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/shapes.ttl</a>  |
| Examples   | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/invalid.ttl</a> |

### 3.1.10.3.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:epicormic-growth:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/invalid.ttl</a> |

### 3.1.10.3.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:epicormic-growth:site-visit</a>              |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment    | Observations following the Condition point intercept protocol are made in the context of a site visit.        |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/invalid.ttl</a></p> |

### 3.1.10.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:epicormic-growth:used-procedure">urn:shapes:condition-point-intercept-protocol-shapes:epicormic-growth:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/invalid.ttl</a></p>                   |

### 3.1.10.3.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-point-intercept-protocol-shapes:epicormic-growth:value-type">urn:shapes:condition-point-intercept-protocol-shapes:epicormic-growth:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/epicormic-growth/invalid.ttl</a></p> |

### 3.1.10.4. Plant height Observation

#### 3.1.10.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:plant-height:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/invalid.ttl</a></p> |

#### 3.1.10.4.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:plant-height:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/invalid.ttl</a></p> |

#### 3.1.10.4.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-point-intercept-protocol-shapes:plant-height:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/invalid.ttl</a></p> |

#### 3.1.10.4.4. Unit of measure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:condition-point-intercept-protocol-shapes:plant-height:unit-of-measure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/invalid.ttl</code></p> |

### 3.1.10.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-point-intercept-protocol-shapes:plant-height:used-procedure</code>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol".</p> |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/invalid.ttl</code></p>   |

### 3.1.10.4.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:plant-height:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a non-negative value.   |
| Comment             | Value <i>MUST</i> be non-negative.  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.10.4.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:plant-height:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/plant-height/invalid.ttl</a></p> |

## 3.1.10.5. Mistletoe count Observation

### 3.1.10.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:mistletoe-count:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/invalid.ttl</a></p> |

### 3.1.10.5.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:mistletoe-count:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/invalid.ttl</a></p> |

### 3.1.10.5.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:mistletoe-count:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/invalid.ttl</a></p> |

#### 3.1.10.5.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:mistletoe-count:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/invalid.ttl</a> |

### 3.1.10.5.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:mistletoe-count:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be non-negative.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/invalid.ttl</a> |

### 3.1.10.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:mistletoe-count:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/mistletoe-count/invalid.ttl</a> |

### 3.1.10.6. Vegetation health Observation

#### 3.1.10.6.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-health:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/invalid.ttl</a> |

#### 3.1.10.6.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-health:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Vegetation healths codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Vegetation healths codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |

| Property              | Value  |
|-----------------------|--|
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br>Canopy health<br><br>Dieback from disease<br><br>Epicormic growth<br><br>Galls and lerps<br><br>Grazing<br><br>Insect damage<br><br>Mistletoe   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/shapes.ttl   |
| Examples              | Valid: /shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/valid.ttl<br><br>Invalid: /shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/invalid.ttl |

### 3.1.10.6.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-point-intercept-protocol-shapes:vegetation-health:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/shapes.ttl  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/invalid.ttl</a> |

#### 3.1.10.6.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-health:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/invalid.ttl</a> |

#### 3.1.10.6.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-health:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol". |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/valid.ttl</a><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/invalid.ttl</a> |

### 3.1.10.6.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-health:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/valid.ttl</a><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/invalid.ttl</a> |

### 3.1.10.6.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-health:vocabulary</a>                                |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>785f818c-0c8c-480b-b8e5-43ea9fda70f0\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> is the IRI for "Vegetation healths codes". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-health/invalid.ttl</a></p>   |

### 3.1.10.7. Leaf litter depth Observation

#### 3.1.10.7.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:leaf-litter-depth:feature-type">urn:shapes:condition-point-intercept-protocol-shapes:leaf-litter-depth:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant litter</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant litter</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/invalid.ttl</a></p> |

### 3.1.10.7.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:leaf-litter-depth:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/invalid.ttl</a></p> |

### 3.1.10.7.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:leaf-litter-depth:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/invalid.ttl</a></p> |

### 3.1.10.7.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:leaf-litter-depth:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:MilliM</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:MilliM</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/invalid.ttl</a></p> |

### 3.1.10.7.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:leaf-litter-depth:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/invalid.ttl</a> |

### 3.1.10.7.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:leaf-litter-depth:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be non-negative.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/invalid.ttl</a> |

### 3.1.10.7.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:leaf-litter-depth:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/leaf-litter-depth/invalid.ttl</a> |

### 3.1.10.8. Large tree count Observation

#### 3.1.10.8.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:large-tree-count:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/invalid.ttl</a> |

#### 3.1.10.8.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:large-tree-count:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> . |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/invalid.ttl</a> |

### 3.1.10.8.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:large-tree-count:site-visit">urn:shapes:condition-point-intercept-protocol-shapes:large-tree-count:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/invalid.ttl</a> |

### 3.1.10.8.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-point-intercept-protocol-shapes:large-tree-count:used-procedure">urn:shapes:condition-point-intercept-protocol-shapes:large-tree-count:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcc277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcc277-85a8-476a-aeb1-315775bcd5f6</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/invalid.ttl</a>                    |

### 3.1.10.8.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:large-tree-count:value-range">urn:shapes:condition-point-intercept-protocol-shapes:large-tree-count:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be at least 0.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/invalid.ttl</a> |

### 3.1.10.8.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-point-intercept-protocol-shapes:large-tree-count:value-type">urn:shapes:condition-point-intercept-protocol-shapes:large-tree-count:value-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/large-tree-count/invalid.ttl</a></p> |

### 3.1.10.9. Vertebrate pest presence evidence Observation

#### 3.1.10.9.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-presence-evidence:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a></p> |

#### 3.1.10.9.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <code>urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-presence-evidence:result-value</code>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Condition vertebrate pest presence evidences codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Condition vertebrate pest presence evidences codes controlled vocabulary.  |
| Status                | <code>submitted</code>  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li>Diggings</li> <li>Live Observation</li> <li>Remains</li> <li>Scat and Other Traces</li> <li>Tracks</li> <li>Unknown</li> <li>Warrens or Burrows</li> </ul>         |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</code>   |
| Examples              | <p>Valid: <code>/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</code></p> |

### 3.1.10.9.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-presence-evidence:simple-result</code> |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a></p> |

#### 3.1.10.9.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-presence-evidence:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a></p> |

#### 3.1.10.9.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-presence-evidence:used-procedure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol".   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a></p> |

### 3.1.10.9.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-presence-evidence:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a></p> |

### 3.1.10.9.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-presence-evidence:vocabulary">urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-presence-evidence:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="69638c57-1c38-47e1-8bae-c821411c3a30\$">69638c57-1c38-47e1-8bae-c821411c3a30\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30">https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30">https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30</a> is the IRI for "Condition vertebrate pest presence evidences codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a>                  |

### 3.1.10.10. Vegetation diameter class Observation

#### 3.1.10.10.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:vegetation-diameter-class:feature-type">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-diameter-class:feature-type</a>           |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.10.10.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-diameter-class:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Condition vegetation diameter classes codes controlled vocabulary.   |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Condition vegetation diameter classes codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">10-19cm</a><br><br><a href="#">20-29cm</a><br><br><a href="#">30-49cm</a><br><br><a href="#">5-9cm</a><br><br><a href="#">50-79cm</a><br><br><a href="#">80+ cm</a><br><br><a href="#">&lt;5cm</a> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/invalid.ttl</a>                       |

### 3.1.10.10.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-diameter-class:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/invalid.ttl</a></p> |

### 3.1.10.10.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-diameter-class:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/invalid.ttl</a></p> |

### 3.1.10.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:vegetation-diameter-class:used-procedure">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-diameter-class:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol".              |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.10.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:vegetation-diameter-class:value-type">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-diameter-class:value-type</a>               |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.10.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vegetation-diameter-class:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>fe0b8990-dc4c-4fc7-85e8-be08da5721a0\$</code> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fe0b8990-dc4c-4fc7-85e8-be08da5721a0">https://linked.data.gov.au/def/nrm/fe0b8990-dc4c-4fc7-85e8-be08da5721a0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/fe0b8990-dc4c-4fc7-85e8-be08da5721a0">https://linked.data.gov.au/def/nrm/fe0b8990-dc4c-4fc7-85e8-be08da5721a0</a> is the IRI for "Condition vegetation diameter classes codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vegetation-diameter-class/invalid.ttl</a>   |

### 3.1.10.11. Insect damage Observation

#### 3.1.10.11.1. Datatype

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:insect-damage:datatype</a>                   |
| Label      | Datatype  |
| Definition | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:boolean.                             |
| Comment    | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:boolean.                                       |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/invalid.ttl</a></p> |

### 3.1.10.11.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:insect-damage:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/invalid.ttl</a></p> |

### 3.1.10.11.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:insect-damage:simple-result</a>  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/invalid.ttl</a></p> |

#### 3.1.10.11.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:insect-damage:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/invalid.ttl</a></p> |

#### 3.1.10.11.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:insect-damage:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/invalid.ttl</a>                                |

### 3.1.10.11.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:insect-damage:value-type">urn:shapes:condition-point-intercept-protocol-shapes:insect-damage:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/insect-damage/invalid.ttl</a> |

### 3.1.10.12. Canopy health Observation

#### 3.1.10.12.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:canopy-health:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.10.12.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:canopy-health:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.10.12.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:canopy-health:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/invalid.ttl</a></p> |

#### 3.1.10.12.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:canopy-health:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:PERCENT</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:PERCENT</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/invalid.ttl</a></p> |

#### 3.1.10.12.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:canopy-health:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/invalid.ttl</a>                                |

### 3.1.10.12.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:canopy-health:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.   |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/invalid.ttl</a> |

### 3.1.10.12.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:canopy-health:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.10.13. Vertebrate pest type Observation

#### 3.1.10.13.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-type:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">spatial point</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>spatial point</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/invalid.ttl</a></p> |

### 3.1.10.13.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <code>urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-type:result-value</code>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Condition vertebrate pest types codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Condition vertebrate pest types codes controlled vocabulary.   |
| Status                | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Camel</code></li> <li><code>Cat</code></li> <li><code>Deer</code></li> <li><code>Fox</code></li> <li><code>Horse</code></li> <li><code>Pig</code></li> <li><code>Rabbit</code></li> <li><code>Wild dog</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/shapes.ttl</code>  |
| Examples              | <p>Valid: <code>/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/invalid.ttl</code></p>   |

### 3.1.10.13.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-type:simple-result</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/invalid.ttl</a></p> |

#### 3.1.10.13.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-type:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/invalid.ttl</a></p> |

#### 3.1.10.13.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-type:used-procedure">urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-type:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/invalid.ttl</a>    |

### 3.1.10.13.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-type:value-type">urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-type:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/invalid.ttl</a> |

### 3.1.10.13.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:vertebrate-pest-type:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">579449ad-4cea-4272-afa3-67f207941fb1\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/579449ad-4cea-4272-afa3-67f207941fb1">https://linked.data.gov.au/def/nrm/579449ad-4cea-4272-afa3-67f207941fb1</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/579449ad-4cea-4272-afa3-67f207941fb1">https://linked.data.gov.au/def/nrm/579449ad-4cea-4272-afa3-67f207941fb1</a> is the IRI for "Condition vertebrate pest types codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/vertebrate-pest-type/invalid.ttl</a>   |

### 3.1.10.14. Seedling count Observation

#### 3.1.10.14.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:seedling-count:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                           |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/invalid.ttl</a> |

### 3.1.10.14.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:seedling-count:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/invalid.ttl</a> |

### 3.1.10.14.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:seedling-count:site-visit</a>                |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.        |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/shapes.ttl</a>         |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/invalid.ttl</a> |

#### 3.1.10.14.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:seedling-count:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/invalid.ttl</a>                                |

#### 3.1.10.14.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:seedling-count:value-range</a>               |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a non-negative value.   |
| Comment             | Value <i>MUST</i> be non-negative.  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/shapes.ttl</a>  |
| Examples   | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/invalid.ttl</a> |

### 3.1.10.14.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:seedling-count:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/seedling-count/invalid.ttl</a> |

## 3.1.10.15. Grazing Observation

### 3.1.10.15.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:grazing:datatype</a>                         |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:boolean.                             |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:boolean.                                       |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/shapes.ttl</a>  |
| Examples   | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/invalid.ttl</a></p> |

### 3.1.10.15.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:grazing:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/invalid.ttl</a></p> |

### 3.1.10.15.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:grazing:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/grazing/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/grazing/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/grazing/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/invalid.ttl</a></p> |

### 3.1.10.15.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:grazing:site-visit">urn:shapes:condition-point-intercept-protocol-shapes:grazing:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/grazing/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/grazing/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/grazing/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/invalid.ttl</a></p> |

### 3.1.10.15.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-point-intercept-protocol-shapes:grazing:used-procedure">urn:shapes:condition-point-intercept-protocol-shapes:grazing:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6</a> .   |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol".</p> |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/grazing/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/grazing/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/grazing/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/invalid.ttl</a> |

### 3.1.10.15.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:grazing:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/grazing/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/grazing/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/grazing/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/grazing/invalid.ttl</a> |

### 3.1.10.16. Dieback from disease Observation

#### 3.1.10.16.1. Datatype

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:dieback-from-disease:datatype</a>            |
| Label      | Datatype  |
| Definition | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:boolean.                             |
| Comment    | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:boolean.                                       |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/valid.ttl</p> <p>Invalid: /shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/invalid.ttl</p> |

### 3.1.10.16.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-point-intercept-protocol-shapes:dieback-from-disease:feature-type  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/valid.ttl</p> <p>Invalid: /shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/invalid.ttl</p> |

### 3.1.10.16.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-point-intercept-protocol-shapes:dieback-from-disease:simple-result   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/invalid.ttl</a></p> |

#### 3.1.10.16.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:dieback-from-disease:site-visit">urn:shapes:condition-point-intercept-protocol-shapes:dieback-from-disease:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/invalid.ttl</a></p> |

#### 3.1.10.16.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-point-intercept-protocol-shapes:dieback-from-disease:used-procedure">urn:shapes:condition-point-intercept-protocol-shapes:dieback-from-disease:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfccaa277-85a8-476a-aeb1-315775bcd5f6</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/invalid.ttl</a>    |

### 3.1.10.16.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-point-intercept-protocol-shapes:dieback-from-disease:value-type">urn:shapes:condition-point-intercept-protocol-shapes:dieback-from-disease:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/dieback-from-disease/invalid.ttl</a> |

### 3.1.10.17. Field species name Observation

#### 3.1.10.17.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:field-species-name:datatype</a>  |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.10.17.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:field-species-name:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.10.17.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:field-species-name:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/invalid.ttl</a></p> |

#### 3.1.10.17.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:field-species-name:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/invalid.ttl</a></p> |

#### 3.1.10.17.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:field-species-name:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/invalid.ttl</a>            |

### 3.1.10.17.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:field-species-name:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.10.18. Small tree count Observation

#### 3.1.10.18.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:small-tree-count:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/invalid.ttl</a></p> |

#### 3.1.10.18.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:small-tree-count:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/invalid.ttl</a></p> |

### 3.1.10.18.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:small-tree-count:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Condition point intercept protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/invalid.ttl</a></p> |

### 3.1.10.18.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-point-intercept-protocol-shapes:small-tree-count:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6">https://linked.data.gov.au/def/nrm/bfcca277-85a8-476a-aeb1-315775bcd5f6</a> is the IRI for "Condition point intercept protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/invalid.ttl</a> |

### 3.1.10.18.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:condition-point-intercept-protocol-shapes:small-tree-count:value-range</code>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be non-negative.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/valid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/invalid.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/invalid.ttl</a> |

### 3.1.10.18.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-point-intercept-protocol-shapes:small-tree-count:value-type</code>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>sosa:Integer</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>sosa:Integer</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/shapes.ttl">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-point-intercept-protocol-shapes/small-tree-count/invalid.ttl</a> |

### 3.1.11. Condition - Vegetation age class structure (sub-plot) protocol Conformance Class Requirements

#### 3.1.11.1. Galls and lerps Observation

##### 3.1.11.1.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:galls-and-lerps:datatype</a>  |
| Label               | Datatype   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:boolean.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:boolean.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/invalid.ttl</a> |

##### 3.1.11.1.2. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:galls-and-lerps:feature-type</a>                                       |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

### 3.1.11.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:galls-and-lerps:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

### 3.1.11.1.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:galls-and-lerps:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment    | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

### 3.1.11.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:galls-and-lerps:used-procedure">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:galls-and-lerps:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".</p>   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

### 3.1.11.1.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:galls-and-lerps:value-type">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:galls-and-lerps:value-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

### 3.1.11.2. Growth stage Observation

#### 3.1.11.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:growth-stage:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/invalid.ttl</a></p> |

#### 3.1.11.2.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:growth-stage:result-value</code>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Growth stages codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Growth stages codes controlled vocabulary.   |
| Status                | <code>submitted</code> ○  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li>Dead</li> <li>Mature</li> <li>Recruiting</li> <li>Resprouting</li> <li>Senescent</li> </ul>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/shapes.ttl</code>  |
| Examples              | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/invalid.ttl</code></p> |

### 3.1.11.2.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:growth-stage:simple-result</code>  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | <code>submitted</code> ○  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/invalid.ttl</p> |

#### 3.1.11.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:growth-stage:site-visit  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/invalid.ttl</p> |

#### 3.1.11.2.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:growth-stage:used-procedure   |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.11.2.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:growth-stage:value-type">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:growth-stage:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.11.2.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:growth-stage:vocabulary">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:growth-stage:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>096e018a-fb8f-4ba1-9fdc-302164e57682\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> is the IRI for "Growth stages codes".                                  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/growth-stage/invalid.ttl</a></p> |

### 3.1.11.3. Epicormic growth Observation

#### 3.1.11.3.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:epicormic-growth:datatype</code>   |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype <code>xsd:boolean</code> .  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be <code>xsd:boolean</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/invalid.ttl</a></p> |

### 3.1.11.3.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:epicormic-growth:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/invalid.ttl</a></p> |

### 3.1.11.3.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:epicormic-growth:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/invalid.ttl</a></p> |

### 3.1.11.3.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:epicormic-growth:site-visit">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:epicormic-growth:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/invalid.ttl</a></p> |

### 3.1.11.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:epicormic-growth:used-procedure">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:epicormic-growth:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/invalid.ttl</a> |

### 3.1.11.3.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:epicormic-growth:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/epicormic-growth/invalid.ttl</a> |

### 3.1.11.4. Plant height Observation

#### 3.1.11.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:plant-height:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.11.4.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:plant-height:simple-result">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:plant-height:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.11.4.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:plant-height:site-visit">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:plant-height:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/shapes.ttl   |
| Examples   | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/invalid.ttl</p> |

#### 3.1.11.4.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:plant-height:unit-of-measure   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <b>unit:M</b> as the value for <b>tern:unit</b> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <b>unit:M</b> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/invalid.ttl</p> |

#### 3.1.11.4.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:plant-height:used-procedure  |
| Label      | Used procedure  |
| Definition | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/invalid.ttl</a></p> |

#### 3.1.11.4.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:plant-height:value-range">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:plant-height:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a non-negative value.   |
| Comment             | Value <i>MUST</i> be non-negative.  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/invalid.ttl</a></p> |

#### 3.1.11.4.7. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:plant-height:value-type">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:plant-height:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/plant-height/invalid.ttl</p> |

### 3.1.11.5. Mistletoe count Observation

#### 3.1.11.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:mistletoe-count:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/invalid.ttl</p> |

#### 3.1.11.5.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:mistletoe-count:simple-result  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/invalid.ttl</code></p> |

### 3.1.11.5.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:mistletoe-count:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/invalid.ttl</code></p> |

### 3.1.11.5.4. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:mistletoe-count:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/invalid.ttl</a></p> |

### 3.1.11.5.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:mistletoe-count:value-range</code>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a non-negative value.   |
| Comment             | Value <i>MUST</i> be non-negative.  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/invalid.ttl</a></p> |

### 3.1.11.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:mistletoe-count:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Integer</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Integer</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/mistletoe-count/invalid.ttl</code></p> |

### 3.1.11.6. Vegetation health Observation

#### 3.1.11.6.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-health:feature-type</code>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/invalid.ttl</code></p> |

### 3.1.11.6.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-health:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Vegetation healths codes controlled vocabulary.   |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Vegetation healths codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Canopy health</a></li> <li><a href="#">Dieback from disease</a></li> <li><a href="#">Epicormic growth</a></li> <li><a href="#">Galls and lerps</a></li> <li><a href="#">Grazing</a></li> <li><a href="#">Insect damage</a></li> <li><a href="#">Mistletoe</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/invalid.ttl</a></p>   |

### 3.1.11.6.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-health:simple-result</a> |
| Label      | Simple result  |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/invalid.ttl</code></p> |

#### 3.1.11.6.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-health:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/invalid.ttl</code></p> |

#### 3.1.11.6.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-health:used-procedure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.11.6.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-health:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.11.6.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-health:vocabulary">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-health:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="785f818c-0c8c-480b-b8e5-43ea9fda70f0\$">785f818c-0c8c-480b-b8e5-43ea9fda70f0\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> is the IRI for "Vegetation healths codes".  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-health/invalid.ttl</a> |

### 3.1.11.7. Leaf litter depth Observation

#### 3.1.11.7.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:leaf-litter-depth:feature-type">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:leaf-litter-depth:feature-type</a>           |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant litter</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant litter</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/invalid.ttl</a> |

### 3.1.11.7.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:leaf-litter-depth:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/invalid.ttl</a> |

### 3.1.11.7.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:leaf-litter-depth:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.    |
| Status              | <a href="#">submitted</a>              |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/shapes.ttl   |
| Examples   | Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/valid.ttl<br><br>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/invalid.ttl |

### 3.1.11.7.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:leaf-litter-depth:unit-of-measure   |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:MilliM</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:MilliM</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/shapes.ttl   |
| Examples            | Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/valid.ttl<br><br>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/invalid.ttl |

### 3.1.11.7.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:leaf-litter-depth:used-procedure   |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol". |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/invalid.ttl</a></p> |

### 3.1.11.7.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:leaf-litter-depth:value-range</a>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a non-negative value.   |
| Comment             | Value <i>MUST</i> be non-negative.  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/invalid.ttl</a></p> |

### 3.1.11.7.7. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:leaf-litter-depth:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                                 |
| Status     | submitted <input type="radio"/>   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/leaf-litter-depth/invalid.ttl</p> |

### 3.1.11.8. Large tree count Observation

#### 3.1.11.8.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:large-tree-count:feature-type  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/invalid.ttl</p> |

#### 3.1.11.8.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:large-tree-count:simple-result   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/invalid.ttl</code></p> |

### 3.1.11.8.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:large-tree-count:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/invalid.ttl</code></p> |

### 3.1.11.8.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:large-tree-count:used-procedure</code> |
| Label      | Used procedure  |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".   |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/invalid.ttl</a></p> |

### 3.1.11.8.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:large-tree-count:value-range</code>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a non-negative value.   |
| Comment             | Value <i>MUST</i> be non-negative.  |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/invalid.ttl</a></p> |

### 3.1.11.8.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:large-tree-count:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/large-tree-count/invalid.ttl</a></p> |

### 3.1.11.9. Vertebrate pest presence evidence Observation

#### 3.1.11.9.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-presence-evidence:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a></p> |

### 3.1.11.9.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-presence-evidence:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Condition vertebrate pest presence evidences codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Condition vertebrate pest presence evidences codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Diggings</a></li> <li><a href="#">Live Observation</a></li> <li><a href="#">Remains</a></li> <li><a href="#">Scat and Other Traces</a></li> <li><a href="#">Tracks</a></li> <li><a href="#">Unknown</a></li> <li><a href="#">Warrens or Burrows</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a></p>   |

### 3.1.11.9.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-presence-evidence:simple-result</a> |
| Label      | Simple result  |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a></p> |

#### 3.1.11.9.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-presence-evidence:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a></p> |

#### 3.1.11.9.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-presence-evidence:used-procedure</code> |

| Property            | Value  |
|---------------------|--|
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a> |

### 3.1.11.9.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-presence-evidence:value-type</code>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a> |

### 3.1.11.9.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-presence-evidence:vocabulary">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-presence-evidence:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30\$">69638c57-1c38-47e1-8bae-c821411c3a30\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30">https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30">https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30</a> is the IRI for "Condition vertebrate pest presence evidences codes".  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a> |

### 3.1.11.10. Vegetation diameter class Observation

#### 3.1.11.10.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-diameter-class:feature-type">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-diameter-class:feature-type</a>           |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.11.10.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-diameter-class:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Condition vegetation diameter classes codes controlled vocabulary.   |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Condition vegetation diameter classes codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">10-19cm</a><br><br><a href="#">20-29cm</a><br><br><a href="#">30-49cm</a><br><br><a href="#">5-9cm</a><br><br><a href="#">50-79cm</a><br><br><a href="#">80+ cm</a><br><br><a href="#">&lt;5cm</a>                           |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.11.10.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-diameter-class:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a></p> |

### 3.1.11.10.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-diameter-class:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a></p> |

### 3.1.11.10.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-diameter-class:used-procedure">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-diameter-class:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.11.10.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-diameter-class:value-type">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-diameter-class:value-type</a>               |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.11.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vegetation-diameter-class:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>fe0b8990-dc4c-4fc7-85e8-be08da5721a0\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fe0b8990-dc4c-4fc7-85e8-be08da5721a0">https://linked.data.gov.au/def/nrm/fe0b8990-dc4c-4fc7-85e8-be08da5721a0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/fe0b8990-dc4c-4fc7-85e8-be08da5721a0">https://linked.data.gov.au/def/nrm/fe0b8990-dc4c-4fc7-85e8-be08da5721a0</a> is the IRI for "Condition vegetation diameter classes codes".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.11.11. Insect damage Observation

#### 3.1.11.11.1. Datatype

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:insect-damage:datatype</a> |
| Label      | Datatype  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:boolean.                                      |
| Comment    | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:boolean.  |
| Status     | <a href="#">submitted</a> <input type="radio"/>   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/invalid.ttl</p> |

### 3.1.11.12. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:insect-damage:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/invalid.ttl</p> |

### 3.1.11.13. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:insect-damage:simple-result  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/invalid.ttl</a></p> |

#### 3.1.11.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:insect-damage:site-visit">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:insect-damage:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/invalid.ttl</a></p> |

#### 3.1.11.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:insect-damage:used-procedure">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:insect-damage:used-procedure</a>               |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/invalid.ttl</a></p> |

### 3.1.11.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:insect-damage:value-type">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:insect-damage:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/insect-damage/invalid.ttl</a></p> |

### 3.1.11.12. Canopy health Observation

#### 3.1.11.12.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:canopy-health:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.11.12.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:canopy-health:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.11.12.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:canopy-health:site-visit   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

#### 3.1.11.12.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:canopy-health:unit-of-measure  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .   |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

#### 3.1.11.12.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:canopy-health:used-procedure">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:canopy-health:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a><br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.11.12.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:canopy-health:value-range">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:canopy-health:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.11.12.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:canopy-health:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.11.13. Vertebrate pest type Observation

#### 3.1.11.13.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-type:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">spatial point</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>spatial point</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</a></p> |

### 3.1.11.13.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-type:result-value</code>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Condition vertebrate pest types codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Condition vertebrate pest types codes controlled vocabulary.   |
| Status                | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Camel</code></li> <li><code>Cat</code></li> <li><code>Deer</code></li> <li><code>Fox</code></li> <li><code>Horse</code></li> <li><code>Pig</code></li> <li><code>Rabbit</code></li> <li><code>Wild dog</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</code>  |
| Examples              | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</code></p>                                       |

### 3.1.11.13.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-type:simple-result</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</code></p> |

#### 3.1.11.13.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-type:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</code></p> |

#### 3.1.11.13.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-type:used-procedure">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-type:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a><br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</a></p> |

### 3.1.11.13.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-type:value-type">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-type:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</a></p> |

### 3.1.11.13.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-type:vocabulary">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:vertebrate-pest-type:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="579449ad-4cea-4272-afa3-67f207941fb1\$">579449ad-4cea-4272-afa3-67f207941fb1\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/579449ad-4cea-4272-afa3-67f207941fb1">https://linked.data.gov.au/def/nrm/579449ad-4cea-4272-afa3-67f207941fb1</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/579449ad-4cea-4272-afa3-67f207941fb1">https://linked.data.gov.au/def/nrm/579449ad-4cea-4272-afa3-67f207941fb1</a> is the IRI for "Condition vertebrate pest types codes".   |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</a> |

### 3.1.11.14. Seedling count Observation

#### 3.1.11.14.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:seedling-count:feature-type">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:seedling-count:feature-type</a>           |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/invalid.ttl</a> |

#### 3.1.11.14.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:seedling-count:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/invalid.ttl</a> |

#### 3.1.11.14.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:seedling-count:site-visit</a> |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit. |
| Status              | <a href="#">submitted</a>           |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/shapes.ttl  |
| Examples   | Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/valid.ttl<br><br>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/invalid.ttl |

#### 3.1.11.14.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:seedling-count:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/shapes.ttl   |
| Examples            | Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/valid.ttl<br><br>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/invalid.ttl  |

#### 3.1.11.14.5. Value range

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:seedling-count:value-range |
| Label      | Value range   |
| Definition | The result <i>MUST</i> have a non-negative value.   |
| Comment    | Value <i>MUST</i> be non-negative.  |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/invalid.ttl</a></p> |

### 3.1.11.14.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:seedling-count:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/seedling-count/invalid.ttl</a></p> |

### 3.1.11.15. Grazing Observation

#### 3.1.11.15.1. Datatype

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:grazing:datatype</a> |
| Label      | Datatype  |
| Definition | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:boolean.                             |
| Comment    | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:boolean.                                       |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/invalid.ttl</p> |

### 3.1.11.15.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:grazing:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/invalid.ttl</p> |

### 3.1.11.15.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:grazing:simple-result  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/invalid.ttl</code></p> |

#### 3.1.11.15.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:grazing:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/invalid.ttl</code></p> |

#### 3.1.11.15.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:grazing:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".                                 |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/invalid.ttl</a></p> |

### 3.1.11.15.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:grazing:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Boolean</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Boolean</code> .   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/grazing/invalid.ttl</a></p> |

### 3.1.11.16. Dieback from disease Observation

### 3.1.11.16.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:dieback-from-disease:datatype</a>  |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:boolean.  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:boolean.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/invalid.ttl</a></p> |

### 3.1.11.16.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:dieback-from-disease:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/invalid.ttl</a></p> |

### 3.1.11.16.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:dieback-from-disease:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/invalid.ttl</a></p> |

### 3.1.11.16.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:dieback-from-disease:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/invalid.ttl</a></p> |

### 3.1.11.16.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:dieback-from-disease:used-procedure">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:dieback-from-disease:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/invalid.ttl</a> |

### 3.1.11.16.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:dieback-from-disease:value-type">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:dieback-from-disease:value-type</a>               |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/dieback-from-disease/invalid.ttl</a> |

### 3.1.11.17. Field species name Observation

#### 3.1.11.17.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:field-species-name:datatype</a>   |
| Label               | Datatype   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/invalid.ttl</a> |

#### 3.1.11.17.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:field-species-name:feature-type</a>                                  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant specimen</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant specimen</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/shapes.ttl  |
| Examples   | Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/invalid.ttl |

### 3.1.11.17.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:field-species-name:simple-result  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/shapes.ttl  |
| Examples            | Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/invalid.ttl |

### 3.1.11.17.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:field-species-name:site-visit             |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit. |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/shapes.ttl   |
| Examples   | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/invalid.ttl</p> |

### 3.1.11.17.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:field-species-name:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/invalid.ttl</p>   |

### 3.1.11.17.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:field-species-name:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:Text</code> .  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Text</code> .                         |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/field-species-name/invalid.ttl</p> |

### 3.1.11.18. Small tree count Observation

#### 3.1.11.18.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:small-tree-count:feature-type  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/invalid.ttl</p> |

#### 3.1.11.18.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:small-tree-count:simple-result |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/invalid.ttl</code></p> |

### 3.1.11.18.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:small-tree-count:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vegetation age class structure (sub-plot) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/invalid.ttl</code></p> |

### 3.1.11.18.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:small-tree-count:used-procedure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88">https://linked.data.gov.au/def/nrm/51ba4b25-5508-46a8-9d7c-028012082d88</a> is the IRI for "Vegetation age class structure (sub-plot) protocol".   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/invalid.ttl</a></p> |

### 3.1.11.18.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:small-tree-count:value-range</code>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a non-negative value.   |
| Comment             | Value <i>MUST</i> be non-negative.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/shapes.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/valid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/invalid.ttl">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/invalid.ttl</a></p> |

### 3.1.11.18.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vegetation-age-class-structure-sub-plot-protocol-shapes:small-tree-count:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vegetation-age-class-structure-sub-plot-protocol-shapes/small-tree-count/invalid.ttl</a></p> |

## 3.1.12. Condition - Vertebrate pest presence (plot) protocol Conformance Class Requirements

### 3.1.12.1. Galls and lerps Observation

#### 3.1.12.1.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:galls-and-lerps:datatype</a>          |
| Label               | Datatype   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:boolean.                                    |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:boolean.  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/invalid.ttl</a> |

### 3.1.12.1.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:galls-and-lerps:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/invalid.ttl</a> |

### 3.1.12.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:galls-and-lerps:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> . |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

### 3.1.12.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:galls-and-lerps:site-visit">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:galls-and-lerps:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

### 3.1.12.1.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:galls-and-lerps:used-procedure">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:galls-and-lerps:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .   |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

### 3.1.12.1.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:galls-and-lerps:value-type">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:galls-and-lerps:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/galls-and-lerps/invalid.ttl</a></p> |

### 3.1.12.2. Growth stage Observation

#### 3.1.12.2.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:growth-stage:feature-type">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:growth-stage:feature-type</a> |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |

| Property            | Value   |
|---------------------|---|
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/invalid.ttl</a></p> |

### 3.1.12.2.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:growth-stage:result-value">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:growth-stage:result-value</a>           |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Growth stages codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Growth stages codes controlled vocabulary.   |
| Status                | submitted <input type="radio"/>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li>Dead</li> <li>Mature</li> <li>Recruiting</li> <li>Resprouting</li> <li>Senescent</li> </ul>                |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.12.2.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:growth-stage:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .  |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.12.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:growth-stage:site-visit</a>    |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .                                 |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/shapes.ttl  |
| Examples   | Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/valid.ttl<br><br>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/invalid.ttl |

### 3.1.12.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:growth-stage:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/shapes.ttl   |
| Examples            | Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/valid.ttl<br><br>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/invalid.ttl  |

### 3.1.12.2.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:growth-stage:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                           |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .          |
| Status     | submitted ○  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/invalid.ttl</p> |

### 3.1.12.2.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:growth-stage:vocabulary   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>096e018a-fb8f-4ba1-9fdc-302164e57682\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> is the IRI for "Growth stages codes".</p> |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/growth-stage/invalid.ttl</p>  |

### 3.1.12.3. Epicormic growth Observation

#### 3.1.12.3.1. Datatype

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:epicormic-growth:datatype |

| Property            | Value   |
|---------------------|---|
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:boolean.  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:boolean.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/invalid.ttl</code></p> |

### 3.1.12.3.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:epicormic-growth:feature-type</code>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/invalid.ttl</code></p> |

### 3.1.12.3.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:epicormic-growth:simple-result</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/invalid.ttl</a></p> |

#### 3.1.12.3.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:epicormic-growth:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/invalid.ttl</a></p> |

#### 3.1.12.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:epicormic-growth:used-procedure">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:epicormic-growth:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".                                       |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/invalid.ttl</a></p> |

### 3.1.12.3.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:epicormic-growth:value-type">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:epicormic-growth:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Boolean</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Boolean</code> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/epicormic-growth/invalid.ttl</a></p> |

### 3.1.12.4. Plant height Observation

#### 3.1.12.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:plant-height:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/invalid.ttl</a></p> |

#### 3.1.12.4.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:plant-height:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.12.4.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:plant-height:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.12.4.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:plant-height:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.12.4.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:plant-height:used-procedure">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:plant-height:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".                |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/invalid.ttl</a> |

### 3.1.12.4.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:plant-height:value-range">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:plant-height:value-range</a>             |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a non-negative value.   |
| Comment             | Value <i>MUST</i> be non-negative.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/invalid.ttl</a> |

### 3.1.12.4.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:plant-height:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/plant-height/invalid.ttl</a> |

### 3.1.12.5. Mistletoe count Observation

#### 3.1.12.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:mistletoe-count:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/shapes.ttl   |
| Examples   | Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/valid.ttl<br><br>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/invalid.ttl |

### 3.1.12.5.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:mistletoe-count:simple-result   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/shapes.ttl   |
| Examples            | Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/valid.ttl<br><br>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/invalid.ttl |

### 3.1.12.5.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:mistletoe-count:site-visit                |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                   |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit. |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/invalid.ttl</a></p> |

### 3.1.12.5.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:mistletoe-count:used-procedure">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:mistletoe-count:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".</p>                             |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/invalid.ttl</a></p> |

### 3.1.12.5.5. Value range

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:mistletoe-count:value-range">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:mistletoe-count:value-range</a> |
| Label      | Value range   |
| Definition | The result <i>MUST</i> have a non-negative value.   |
| Comment    | Value <i>MUST</i> be non-negative.  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/invalid.ttl</p> |

### 3.1.12.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:mistletoe-count:value-type   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Integer</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Integer</code> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/mistletoe-count/invalid.ttl</p> |

### 3.1.12.6. Vegetation health Observation

#### 3.1.12.6.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-health:feature-type |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant</code> individual.    |

| Property            | Value   |
|---------------------|---|
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.12.6.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-health:result-value</a>                                    |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Vegetation healths codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Vegetation healths codes controlled vocabulary. |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Canopy health<br><br>Dieback from disease<br><br>Epicormic growth<br><br>Galls and lerps<br><br>Grazing<br><br>Insect damage<br><br>Mistletoe                               |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/shapes.ttl   |
| Examples              | Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/valid.ttl<br><br>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/invalid.ttl |

### 3.1.12.6.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-health:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/shapes.ttl  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/invalid.ttl</a> |

### 3.1.12.6.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-health:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/invalid.ttl</a> |

### 3.1.12.6.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-health:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol". |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.12.6.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-health:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.12.6.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-health:vocabulary</a>                  |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>785f818c-0c8c-480b-b8e5-43ea9fda70f0\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> is the IRI for "Vegetation healths codes".         |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.12.7. Leaf litter depth Observation

#### 3.1.12.7.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:leaf-litter-depth:feature-type">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:leaf-litter-depth:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant litter</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant litter</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/invalid.ttl</a></p> |

### 3.1.12.7.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:leaf-litter-depth:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/invalid.ttl</a></p> |

### 3.1.12.7.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:leaf-litter-depth:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/invalid.ttl</a></p> |

### 3.1.12.7.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:leaf-litter-depth:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:MilliM</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:MilliM</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/invalid.ttl</a></p> |

### 3.1.12.7.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:leaf-litter-depth:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/valid.ttl</a><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/invalid.ttl</a> |

### 3.1.12.7.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:leaf-litter-depth:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be non-negative.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/valid.ttl</a><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/invalid.ttl</a> |

### 3.1.12.7.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:leaf-litter-depth:value-type</a>        |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                              |
| Status              | <a href="#">submitted</a>           |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/leaf-litter-depth/invalid.ttl</a> |

### 3.1.12.8. Large tree count Observation

#### 3.1.12.8.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:large-tree-count:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/invalid.ttl</a> |

#### 3.1.12.8.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:large-tree-count:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/invalid.ttl</a> |

### 3.1.12.8.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:large-tree-count:site-visit">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:large-tree-count:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/invalid.ttl</a> |

### 3.1.12.8.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:large-tree-count:used-procedure">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:large-tree-count:used-procedure</a>                             |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".                                |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/invalid.ttl</a> |

### 3.1.12.8.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:large-tree-count:value-range">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:large-tree-count:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be non-negative.   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/invalid.ttl</a> |

### 3.1.12.8.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:large-tree-count:value-type">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:large-tree-count:value-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/large-tree-count/invalid.ttl</a></p> |

### 3.1.12.9. Vertebrate pest presence evidence Observation

#### 3.1.12.9.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-presence-evidence:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a></p> |

#### 3.1.12.9.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-presence-evidence:result-value</code>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Condition vertebrate pest presence evidences codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Condition vertebrate pest presence evidences codes controlled vocabulary.  |
| Status                | <code>submitted</code>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li>Diggings</li> <li>Live Observation</li> <li>Remains</li> <li>Scat and Other Traces</li> <li>Tracks</li> <li>Unknown</li> <li>Warrens or Burrows</li> </ul>                                     |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</code>   |
| Examples              | <p>Valid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</code></p> |

### 3.1.12.9.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-presence-evidence:simple-result</code> |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</code></p> |

#### 3.1.12.9.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-presence-evidence:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</code></p> |

#### 3.1.12.9.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-presence-evidence:used-procedure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a></p> |

### 3.1.12.9.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-presence-evidence:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a></p> |

### 3.1.12.9.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-presence-evidence:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">69638c57-1c38-47e1-8bae-c821411c3a30\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30">https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30">https://linked.data.gov.au/def/nrm/69638c57-1c38-47e1-8bae-c821411c3a30</a> is the IRI for "Condition vertebrate pest presence evidences codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-presence-evidence/invalid.ttl</a>  |

### 3.1.12.10. Vegetation diameter class Observation

#### 3.1.12.10.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-diameter-class:feature-type</a>                                       |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>                                  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.12.10.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-diameter-class:result-value</code>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Condition vegetation diameter classes codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Condition vegetation diameter classes codes controlled vocabulary.  |
| Status                | <code>submitted</code>    |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><code>10-19cm</code><br><br><code>20-29cm</code><br><br><code>30-49cm</code><br><br><code>5-9cm</code><br><br><code>50-79cm</code><br><br><code>80+ cm</code><br><br><code>&lt;5cm</code>                            |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.12.10.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-diameter-class:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a></p> |

### 3.1.12.10.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-diameter-class:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a></p> |

### 3.1.12.10.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-diameter-class:used-procedure">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-diameter-class:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.12.10.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-diameter-class:value-type">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-diameter-class:value-type</a>               |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.12.10.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vegetation-diameter-class:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>fe0b8990-dc4c-4fc7-85e8-be08da5721a0\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fe0b8990-dc4c-4fc7-85e8-be08da5721a0">https://linked.data.gov.au/def/nrm/fe0b8990-dc4c-4fc7-85e8-be08da5721a0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/fe0b8990-dc4c-4fc7-85e8-be08da5721a0">https://linked.data.gov.au/def/nrm/fe0b8990-dc4c-4fc7-85e8-be08da5721a0</a> is the IRI for "Condition vegetation diameter classes codes".           |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/valid.ttl</a><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vegetation-diameter-class/invalid.ttl</a> |

### 3.1.12.11. Insect damage Observation

#### 3.1.12.11.1. Datatype

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:insect-damage:datatype</a>     |
| Label      | Datatype  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:boolean.                                |
| Comment    | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:boolean.  |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/invalid.ttl</p> |

### 3.1.12.11.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:insect-damage:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/invalid.ttl</p> |

### 3.1.12.11.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:insect-damage:simple-result  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/invalid.ttl</a></p> |

### 3.1.12.11.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:insect-damage:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/invalid.ttl</a></p> |

### 3.1.12.11.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:insect-damage:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".                    |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/invalid.ttl</a> |

### 3.1.12.11.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:insect-damage:value-type">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:insect-damage:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/insect-damage/invalid.ttl</a> |

### 3.1.12.12. Canopy health Observation

#### 3.1.12.12.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:canopy-health:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.12.12.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:canopy-health:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.12.12.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:canopy-health:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

#### 3.1.12.12.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:canopy-health:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:PERCENT</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:PERCENT</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

#### 3.1.12.12.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:canopy-health:used-procedure">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:canopy-health:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".                           |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.12.12.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:canopy-health:value-range">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:canopy-health:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.12.12.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:canopy-health:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/canopy-health/invalid.ttl</a></p> |

### 3.1.12.13. Vertebrate pest type Observation

#### 3.1.12.13.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-type:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">spatial point</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>spatial point</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</a></p> |

### 3.1.12.13.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-type:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Condition vertebrate pest types codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Condition vertebrate pest types codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Camel</a></li> <li><a href="#">Cat</a></li> <li><a href="#">Deer</a></li> <li><a href="#">Fox</a></li> <li><a href="#">Horse</a></li> <li><a href="#">Pig</a></li> <li><a href="#">Rabbit</a></li> <li><a href="#">Wild dog</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</a></p>   |

### 3.1.12.13.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-type:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</a></p> |

#### 3.1.12.13.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-type:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</a></p> |

#### 3.1.12.13.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-type:used-procedure">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-type:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</a> |

### 3.1.12.13.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-type:value-type">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-type:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</a> |

### 3.1.12.13.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:vertebrate-pest-type:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">579449ad-4cea-4272-afa3-67f207941fb1\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/579449ad-4cea-4272-afa3-67f207941fb1">https://linked.data.gov.au/def/nrm/579449ad-4cea-4272-afa3-67f207941fb1</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/579449ad-4cea-4272-afa3-67f207941fb1">https://linked.data.gov.au/def/nrm/579449ad-4cea-4272-afa3-67f207941fb1</a> is the IRI for "Condition vertebrate pest types codes". |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/vertebrate-pest-type/invalid.ttl</a>   |

### 3.1.12.14. Seedling count Observation

#### 3.1.12.14.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:seedling-count:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/invalid.ttl</a> |

### 3.1.12.14.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:seedling-count:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/invalid.ttl</a> |

### 3.1.12.14.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:seedling-count:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/shapes.ttl  |
| Examples   | Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/valid.ttl<br><br>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/invalid.ttl |

#### 3.1.12.14.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:seedling-count:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/shapes.ttl   |
| Examples            | Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/valid.ttl<br><br>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/invalid.ttl  |

#### 3.1.12.14.5. Value range

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:seedling-count:value-range |
| Label      | Value range   |
| Definition | The result <i>MUST</i> have a non-negative value.   |
| Comment    | Value <i>MUST</i> be non-negative.  |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/invalid.ttl</p> |

### 3.1.12.14.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:seedling-count:value-type  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Integer</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Integer</code> .   |
| Status              | submitted <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/seedling-count/invalid.ttl</p> |

### 3.1.12.15. Grazing Observation

#### 3.1.12.15.1. Datatype

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:grazing:datatype |
| Label      | Datatype  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:boolean.      |
| Comment    | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:boolean.                |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/invalid.ttl</p> |

### 3.1.12.15.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:grazing:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/shapes.ttl  |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/invalid.ttl</p> |

### 3.1.12.15.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:grazing:simple-result  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/invalid.ttl</a></p> |

#### 3.1.12.15.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:grazing:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/invalid.ttl</a></p> |

#### 3.1.12.15.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:grazing:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/invalid.ttl</a></p> |

### 3.1.12.15.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:grazing:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Boolean</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Boolean</code> .   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/grazing/invalid.ttl</a></p> |

### 3.1.12.16. Dieback from disease Observation

### 3.1.12.16.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:dieback-from-disease:datatype</a>  |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:boolean.   |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:boolean.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/invalid.ttl</a></p> |

### 3.1.12.16.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:dieback-from-disease:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/invalid.ttl</a></p> |

### 3.1.12.16.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:dieback-from-disease:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/invalid.ttl</a></p> |

### 3.1.12.16.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:dieback-from-disease:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/invalid.ttl</a></p> |

### 3.1.12.16.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:dieback-from-disease:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/valid.ttl</a><br><br>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/invalid.ttl</a> |

### 3.1.12.16.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:dieback-from-disease:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/dieback-from-disease/invalid.ttl</a> |

### 3.1.12.17. Field species name Observation

#### 3.1.12.17.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:field-species-name:datatype</a>   |
| Label               | Datatype   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/invalid.ttl</a> |

#### 3.1.12.17.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:field-species-name:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant specimen</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant specimen</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/shapes.ttl  |
| Examples   | Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/invalid.ttl |

### 3.1.12.17.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:field-species-name:simple-result  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/shapes.ttl  |
| Examples            | Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/invalid.ttl |

### 3.1.12.17.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:field-species-name:site-visit             |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                   |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit. |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/shapes.ttl   |
| Examples   | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/invalid.ttl</p> |

### 3.1.12.17.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:field-species-name:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/invalid.ttl</p>   |

### 3.1.12.17.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:field-species-name:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:Text</code> .                                |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Text</code> .               |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/field-species-name/invalid.ttl</p> |

### 3.1.12.18. Small tree count Observation

#### 3.1.12.18.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:small-tree-count:feature-type  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/shapes.ttl   |
| Examples            | <p>Valid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/valid.ttl</p> <p>Invalid: /shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/invalid.ttl</p> |

#### 3.1.12.18.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:small-tree-count:simple-result |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/invalid.ttl</code></p> |

### 3.1.12.18.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:small-tree-count:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Vertebrate pest presence (plot) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/invalid.ttl</code></p> |

### 3.1.12.18.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:small-tree-count:used-procedure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78">https://linked.data.gov.au/def/nrm/1471b076-9b9e-4b69-ace5-5985a5af8e78</a> is the IRI for "Vertebrate pest presence (plot) protocol".                                       |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/invalid.ttl</a></p> |

### 3.1.12.18.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:small-tree-count:value-range</code>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a non-negative value.   |
| Comment             | Value <i>MUST</i> be non-negative.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/shapes.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/valid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/invalid.ttl">/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/invalid.ttl</a></p> |

### 3.1.12.18.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:condition-vertebrate-pest-presence-plot-protocol-shapes:small-tree-count:value-type</code>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Integer</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Integer</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/valid.ttl</code></p> <p>Invalid: <code>/shapes/condition/condition-vertebrate-pest-presence-plot-protocol-shapes/small-tree-count/invalid.ttl</code></p> |

## 3.1.13. Vegetation Mapping Module Conformance Class Requirements

### 3.1.13.1. Litter cover percent Observation

#### 3.1.13.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:litter-cover-percent:feature-type</code>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface substrate</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/shapes.ttl</code>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/invalid.ttl</a> |

### 3.1.13.1.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:litter-cover-percent:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/invalid.ttl</a> |

### 3.1.13.1.3. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:litter-cover-percent:unit-of-measure</a>            |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .               |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .                         |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/shapes.ttl</a>                    |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/invalid.ttl</a> |

#### 3.1.13.1.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:litter-cover-percent:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/invalid.ttl</a>  |

#### 3.1.13.1.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:litter-cover-percent:value-range</a> |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.                             |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols                                    |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/invalid.ttl</a></p> |

### 3.1.13.1.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vegetation-mapping-protocol-shapes:litter-cover-percent:value-type">urn:shapes:vegetation-mapping-protocol-shapes:litter-cover-percent:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/litter-cover-percent/invalid.ttl</a></p> |

### 3.1.13.2. Growth stage Observation

#### 3.1.13.2.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vegetation-mapping-protocol-shapes:growth-stage:feature-type">urn:shapes:vegetation-mapping-protocol-shapes:growth-stage:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant community</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/shapes.ttl</a>            |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.13.2.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:growth-stage:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Growth stages codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Growth stages codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><code>Dead</code><br><br><code>Mature</code><br><br><code>Recruiting</code><br><br><code>Resprouting</code><br><br><code>Senescent</code> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/vegetation-mapping-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/growth-stage/invalid.ttl</a>                  |

### 3.1.13.2.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:growth-stage:simple-result</a>  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.13.2.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:growth-stage:used-procedure</code>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/invalid.ttl</a>  |

### 3.1.13.2.5. Value type

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:vegetation-mapping-protocol-shapes:growth-stage:value-type</code> |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                   |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status     | <code>submitted</code> <input type="radio"/>                                       |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.13.2.6. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:growth-stage:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>096e018a-fb8f-4ba1-9fdc-302164e57682\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> is the IRI for "Growth stages codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/growth-stage/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/growth-stage/invalid.ttl</a>   |

### 3.1.13.3. Disturbance type Observation

#### 3.1.13.3.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:disturbance-type:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface disturbance</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status     | <a href="#">submitted</a> <input type="radio"/>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/invalid.ttl</a> |

### 3.1.13.3.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:disturbance-type:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Disturbance type codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Disturbance type codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Complete clearing; pasture; has been cultivated<br><br>Complete clearing; pasture; never cultivated<br><br>Cultivated; rain fed<br><br>Cultivation; has been irrigated<br><br>Extensive clearing<br><br>Highly disturbed<br><br>Limited clearing<br><br>None<br><br>None except HEAVY grazing by hoofed animals<br><br>None except LIGHT grazing by hoofed animals<br><br>None except MEDIUM grazing by hoofed animals<br><br>Not Collected |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/vegetation-mapping-protocol-shapes/disturbance-type/shapes.ttl   |
| Examples              | Valid: /shapes/vegetation-mapping-protocol-shapes/disturbance-type/valid.ttl<br><br>Invalid: /shapes/vegetation-mapping-protocol-shapes/disturbance-type/invalid.ttl   |

### 3.1.13.3.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vegetation-mapping-protocol-shapes:disturbance-type:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/invalid.ttl</a> |

#### 3.1.13.3.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vegetation-mapping-protocol-shapes:disturbance-type:used-procedure">urn:shapes:vegetation-mapping-protocol-shapes:disturbance-type:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/invalid.ttl</a>  |

#### 3.1.13.3.5. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vegetation-mapping-protocol-shapes:disturbance-type:value-type">urn:shapes:vegetation-mapping-protocol-shapes:disturbance-type:value-type</a> |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/invalid.ttl</a> |

### 3.1.13.3.6. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vegetation-mapping-protocol-shapes:disturbance-type:vocabulary">urn:shapes:vegetation-mapping-protocol-shapes:disturbance-type:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>f5a470e8-d29f-4ff6-b50d-529b0444dbe4\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4">https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4</a> .<br><a href="https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4">https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4</a> is the IRI for "Disturbance type codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/disturbance-type/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/disturbance-type/invalid.ttl</a>  |

### 3.1.13.4. Maximum height Observation

#### 3.1.13.4.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vegetation-mapping-protocol-shapes:maximum-height:feature-type">urn:shapes:vegetation-mapping-protocol-shapes:maximum-height:feature-type</a> |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant population</a> .  |
| Comment    | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status     | <a href="#">submitted</a> <input type="radio"/>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/invalid.ttl</a> |

### 3.1.13.4.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:maximum-height:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/invalid.ttl</a> |

### 3.1.13.4.3. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:maximum-height:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/invalid.ttl</a> |

#### 3.1.13.4.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:maximum-height:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/invalid.ttl</a>  |

#### 3.1.13.4.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:maximum-height:value-range</a>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a non-negative value.   |
| Comment             | Value <i>MUST</i> be non-negative.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/invalid.ttl</a> |

### 3.1.13.4.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:maximum-height:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/maximum-height/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/maximum-height/invalid.ttl</a> |

### 3.1.13.5. Rock cover percent Observation

#### 3.1.13.5.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:rock-cover-percent:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface substrate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/invalid.ttl</a> |

### 3.1.13.5.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:rock-cover-percent:SimpleResult</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/invalid.ttl</a> |

### 3.1.13.5.3. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:rock-cover-percent:unit-of-measure</a>   |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .  |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/invalid.ttl</a> |

### 3.1.13.5.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:rock-cover-percent:used-procedure</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/invalid.ttl</a>  |

### 3.1.13.5.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vegetation-mapping-protocol-shapes:rock-cover-percent:value-range">urn:shapes:vegetation-mapping-protocol-shapes:rock-cover-percent:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.   |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/invalid.ttl</a> |

### 3.1.13.5.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vegetation-mapping-protocol-shapes:rock-cover-percent:value-type">urn:shapes:vegetation-mapping-protocol-shapes:rock-cover-percent:value-type</a> |
| Label      | Value type  |

| Property            | Value  |
|---------------------|--|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/rock-cover-percent/invalid.ttl</a> |

### 3.1.13.6. Coarse woody debris cover percent Observation

#### 3.1.13.6.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:coarse-woody-debris-cover-percent:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface substrate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</a> |

#### 3.1.13.6.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:coarse-woody-debris-cover-percent:simple-result</a> |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</a></p> |

### 3.1.13.6.3. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:coarse-woody-debris-cover-percent:unit-of-measure</code>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .   |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</a></p> |

### 3.1.13.6.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:vegetation-mapping-protocol-shapes:coarse-woody-debris-cover-percent:used-procedure</code> |
| Label      | Used procedure  |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</a></p>   |

### 3.1.13.6.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:coarse-woody-debris-cover-percent:value-range</code>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</a></p> |

### 3.1.13.6.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:coarse-woody-debris-cover-percent:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</a></p> |

### 3.1.13.7. Foliage projective cover Observation

#### 3.1.13.7.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:foliage-projective-cover:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/invalid.ttl</a></p> |

### 3.1.13.7.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:foliage-projective-cover:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/invalid.ttl</a></p> |

### 3.1.13.7.3. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:foliage-projective-cover:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/invalid.ttl</a></p> |

### 3.1.13.7.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:foliage-projective-cover:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/invalid.ttl</a></p>                                 |

### 3.1.13.7.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:foliage-projective-cover:value-range</a>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/invalid.ttl</a></p> |

### 3.1.13.7.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:foliage-projective-cover:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/foliage-projective-cover/invalid.ttl</a></p> |

### 3.1.13.8. Homogeneity measure Observation

#### 3.1.13.8.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:homogeneity-measure:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant community</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/invalid.ttl</a></p> |

#### 3.1.13.8.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:homogeneity-measure:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/invalid.ttl</a> |

### 3.1.13.8.3. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:homogeneity-measure:unit-of-measure</a>  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/invalid.ttl</a> |

### 3.1.13.8.4. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:homogeneity-measure:used-procedure</a> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/invalid.ttl</a>  |

### 3.1.13.8.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:homogeneity-measure:value-range</code>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 1000 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 1000 inclusive.   |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/invalid.ttl</a> |

### 3.1.13.8.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:vegetation-mapping-protocol-shapes:homogeneity-measure:value-type</code> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:Float</code> .                        |

| Property            | Value  |
|---------------------|--|
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Float</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/homogeneity-measure/invalid.ttl</a> |

### 3.1.13.9. Fire history Observation

#### 3.1.13.9.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:fire-history:feature-type</code>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>vegetation disturbance</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>vegetation disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/invalid.ttl</a> |

#### 3.1.13.9.2. Result value

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:vegetation-mapping-protocol-shapes:fire-history:result-value</code>   |
| Label      | Result value   |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Fire history codes controlled vocabulary.   |
| Comment    | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Fire history codes controlled vocabulary. |
| Status     | <code>submitted</code> <input type="radio"/>   |

| Property              | Value  |
|-----------------------|--|
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br><i>Past burn</i><br><br><i>Recently burnt</i><br><br><i>Unburnt</i>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/invalid.ttl</a> |

### 3.1.13.9.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:fire-history:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/invalid.ttl</a> |

### 3.1.13.9.4. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:fire-history:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/invalid.ttl</a>  |

### 3.1.13.9.5. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:fire-history:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/invalid.ttl</a> |

### 3.1.13.9.6. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:fire-history:vocabulary</a>  |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>6e9d2f51-ce64-4c67-8391-d14a8bf96b6b\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6e9d2f51-ce64-4c67-8391-d14a8bf96b6b">https://linked.data.gov.au/def/nrm/6e9d2f51-ce64-4c67-8391-d14a8bf96b6b</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6e9d2f51-ce64-4c67-8391-d14a8bf96b6b">https://linked.data.gov.au/def/nrm/6e9d2f51-ce64-4c67-8391-d14a8bf96b6b</a> is the IRI for "Fire history codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/fire-history/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/fire-history/invalid.ttl</a>  |

### 3.1.13.10. Gravel cover percent Observation

#### 3.1.13.10.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:gravel-cover-percent:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface substrate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/invalid.ttl</a> |

#### 3.1.13.10.2. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:gravel-cover-percent:simple-result</a> |

| Property            | Value  |
|---------------------|--|
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/invalid.ttl</a> |

### 3.1.13.10.3. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:gravel-cover-percent:unit-of-measure</code>  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/invalid.ttl</a> |

### 3.1.13.10.4. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:vegetation-mapping-protocol-shapes:gravel-cover-percent:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/invalid.ttl</a>  |

### 3.1.13.10.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:gravel-cover-percent:value-range</code>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.   |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/invalid.ttl</a> |

### 3.1.13.10.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:vegetation-mapping-protocol-shapes:gravel-cover-percent:value-type</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/gravel-cover-percent/invalid.ttl</a></p> |

### 3.1.13.11. Bare cover percent Observation

#### 3.1.13.11.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:bare-cover-percent:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface substrate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/invalid.ttl</a></p> |

#### 3.1.13.11.2. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:bare-cover-percent:simple-result</a> |
| Label      | Simple result  |

| Property            | Value  |
|---------------------|--|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/invalid.ttl</a> |

### 3.1.13.11.3. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:bare-cover-percent:unit-of-measure</code>  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/invalid.ttl</a> |

### 3.1.13.11.4. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:vegetation-mapping-protocol-shapes:bare-cover-percent:used-procedure</code>   |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/invalid.ttl</a>  |

### 3.1.13.11.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vegetation-mapping-protocol-shapes:bare-cover-percent:value-range">urn:shapes:vegetation-mapping-protocol-shapes:bare-cover-percent:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.   |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/invalid.ttl</a> |

### 3.1.13.11.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vegetation-mapping-protocol-shapes:bare-cover-percent:value-type">urn:shapes:vegetation-mapping-protocol-shapes:bare-cover-percent:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/bare-cover-percent/invalid.ttl</a> |

### 3.1.13.12. Field species name Observation

#### 3.1.13.12.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:field-species-name:datatype</a>  |
| Label               | Datatype   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/field-species-name/invalid.ttl</a> |

#### 3.1.13.12.2. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:field-species-name:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant population</a> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status     | submitted ○   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/field-species-name/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/field-species-name/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/field-species-name/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.13.12.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:field-species-name:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/field-species-name/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/field-species-name/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/field-species-name/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.13.12.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:field-species-name:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/field-species-name/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/field-species-name/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/field-species-name/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.13.12.5. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:field-species-name:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/field-species-name/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/field-species-name/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/field-species-name/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.13.13. Dominant growth form Observation

#### 3.1.13.13.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:dominant-growth-form:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant population</a> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/invalid.ttl</a></p> |

### 3.1.13.13.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:dominant-growth-form:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Vegetation structural formation codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Vegetation structural formation codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Bryophytes</p> <p>Bryophyteland</p> <p>Chenopod Shrubs</p> <p>Chenopod shrubland</p> <p>Closed bryophyteland</p> <p>Closed chenopod shrubland</p> <p>Closed fernland</p> <p>Closed formland</p> <p>Closed forest</p> <p>Closed grassland</p> <p>Closed heathland</p> <p>Closed hummock grassland</p> <p>Closed mallee forest</p> <p>Closed mallee shrubland</p> <p>Closed rushland</p> <p>Closed samphire shrubland</p> <p>Closed sedgeland</p> <p>Closed shrubland</p> <p>Closed tussock grassland</p> <p>Fernland</p> <p>Ferns</p> <p>Formland</p> <p>Forbs</p> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/invalid.ttl</a></p> |

#### 3.1.13.13.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vegetation-mapping-protocol-shapes:dominant-growth-form:simple-result">urn:shapes:vegetation-mapping-protocol-shapes:dominant-growth-form:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <b>sosa:hasSimpleResult</b> <i>MUST</i> have a value that is the same as the value in the value node of <b>sosa:hasResult</b> .   |
| Comment             | Value of <b>sosa:hasSimpleResult</b> <i>MUST</i> be the same as the value in <b>sosa:hasResult</b> .  |
| Status              | submitted   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/invalid.ttl</a></p> |

#### 3.1.13.13.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vegetation-mapping-protocol-shapes:dominant-growth-form:used-procedure">urn:shapes:vegetation-mapping-protocol-shapes:dominant-growth-form:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping".</p> |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/invalid.ttl</a> |

### 3.1.13.5. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:dominant-growth-form:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/invalid.ttl</a> |

### 3.1.13.6. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:dominant-growth-form:vocabulary</a>                                    |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>6e9baf51-566e-4a5d-93c4-a6e097dc364d\$</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6e9baf51-566e-4a5d-93c4-a6e097dc364d">https://linked.data.gov.au/def/nrm/6e9baf51-566e-4a5d-93c4-a6e097dc364d</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6e9baf51-566e-4a5d-93c4-a6e097dc364d">https://linked.data.gov.au/def/nrm/6e9baf51-566e-4a5d-93c4-a6e097dc364d</a> is the IRI for "Vegetation structural formation codes". |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/dominant-growth-form/invalid.ttl</a>   |

### 3.1.13.14. Cryptogram cover percent Observation

#### 3.1.13.14.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:cryptogram-cover-percent:feature-type</code>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface substrate</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/invalid.ttl</a> |

#### 3.1.13.14.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:cryptogram-cover-percent:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/invalid.ttl</a></p> |

#### 3.1.13.14.3. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:cryptogram-cover-percent:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/invalid.ttl</a></p> |

#### 3.1.13.14.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:cryptogram-cover-percent:used-procedure</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/invalid.ttl</a></p>                                 |

### 3.1.13.14.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:cryptogram-cover-percent:value-range</code>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/invalid.ttl</a></p> |

### 3.1.13.14.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:cryptogram-cover-percent:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/cryptogram-cover-percent/invalid.ttl</a></p> |

### 3.1.13.15. Outcrop cover percent Observation

#### 3.1.13.15.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:outcrop-cover-percent:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface substrate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/invalid.ttl</a></p> |

#### 3.1.13.15.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:outcrop-cover-percent:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/invalid.ttl</a></p> |

### 3.1.13.15.3. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:outcrop-cover-percent:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/invalid.ttl</a></p> |

### 3.1.13.15.4. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:outcrop-cover-percent:used-procedure</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/invalid.ttl</a>  |

### 3.1.13.15.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:outcrop-cover-percent:value-range</code>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.   |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/invalid.ttl</a> |

### 3.1.13.15.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:outcrop-cover-percent:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/outcrop-cover-percent/invalid.ttl</a></p> |

### 3.1.13.16. Physical substrate cover Observation

#### 3.1.13.16.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:physical-substrate-cover:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface substrate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/invalid.ttl</a></p> |

#### 3.1.13.16.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:physical-substrate-cover:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/invalid.ttl</a></p> |

### 3.1.13.16.3. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:physical-substrate-cover:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/invalid.ttl</a></p> |

### 3.1.13.16.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:physical-substrate-cover:used-procedure</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/invalid.ttl</a></p>                                 |

### 3.1.13.16.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:physical-substrate-cover:value-range</code>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/invalid.ttl</a></p> |

### 3.1.13.16.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:physical-substrate-cover:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/physical-substrate-cover/invalid.ttl</a></p> |

### 3.1.13.17. Unknown cover percent Observation

#### 3.1.13.17.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:unknown-cover-percent:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land</a> <a href="#">surface</a> <a href="#">substrate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/invalid.ttl</a></p> |

#### 3.1.13.17.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:unknown-cover-percent:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/invalid.ttl</a></p> |

### 3.1.13.17.3. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:unknown-cover-percent:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/invalid.ttl</a></p> |

### 3.1.13.17.4. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:unknown-cover-percent:used-procedure</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508">https://linked.data.gov.au/def/nrm/15361f98-7669-410e-9b04-e9be069c7508</a> is the IRI for "Vegetation mapping". |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/invalid.ttl</a>  |

### 3.1.13.17.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:vegetation-mapping-protocol-shapes:unknown-cover-percent:value-range</code>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.   |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/shapes.ttl">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/valid.ttl">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/invalid.ttl">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/invalid.ttl</a> |

### 3.1.13.17.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vegetation-mapping-protocol-shapes:unknown-cover-percent:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vegetation-mapping-protocol-shapes/unknown-cover-percent/invalid.ttl</a></p> |

### 3.1.14. Basal Area Module

This module has three sub protocols - Basal Wedge, Full DBH measures, Lite DBH measures.

## 3.1.15. Basal Area - Basal Wedge protocol Conformance Class Requirements

### 3.1.15.1. Stand basal area Observation

#### 3.1.15.1.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:stand-basal-area:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant community</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/invalid.ttl</a> |

### 3.1.15.1.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:stand-basal-area:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/invalid.ttl</a> |

### 3.1.15.1.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:stand-basal-area:site-visit</a>                 |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Basal wedge protocol are made in the context of a site visit.                      |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/shapes.ttl</a>         |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/valid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/valid.ttl</a><br><br>Invalid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/invalid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/invalid.ttl</a> |

### 3.1.15.1.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:stand-basal-area:unit-of-measure</a>   |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M2-PER-HA</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M2-PER-HA</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/shapes.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/valid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/valid.ttl</a><br><br>Invalid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/invalid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/invalid.ttl</a> |

### 3.1.15.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:stand-basal-area:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> is the IRI for "Basal wedge protocol". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/shapes.ttl</a>  |
| Examples   | Valid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/invalid.ttl</a> |

### 3.1.15.1.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:stand-basal-area:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/invalid.ttl</a> |

### 3.1.15.1.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:stand-basal-area:value-type</a> |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .                         |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .     |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols                                   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/shapes.ttl  |
| Examples   | Valid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/stand-basal-area/invalid.ttl |

### 3.1.15.2. Basal area count Observation

#### 3.1.15.2.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-count:feature-type  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                    |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/shapes.ttl  |
| Examples            | Valid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/invalid.ttl |

#### 3.1.15.2.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-count:simple-result  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | submitted <input type="radio"/>   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/shapes.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/valid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/invalid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/invalid.ttl</a></p> |

### 3.1.15.2.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-count:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Basal wedge protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/shapes.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/valid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/invalid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/invalid.ttl</a></p> |

### 3.1.15.2.4. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-count:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> is the IRI for "Basal wedge protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/shapes.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/valid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/invalid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/invalid.ttl</a>              |

### 3.1.15.2.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-count:value-range">urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-count:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be non-negative.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/shapes.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/valid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/invalid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/invalid.ttl</a> |

### 3.1.15.2.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-count:value-type">urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-count:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Integer</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Integer</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/valid.ttl</code></p> <p>Invalid: <code>/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-count/invalid.ttl</code></p> |

### 3.1.15.3. Mean basal area Observation

#### 3.1.15.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:basal-area-basal-wedge-protocol-shapes:mean-basal-area:feature-type</code>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant population</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/valid.ttl</code></p> <p>Invalid: <code>/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/invalid.ttl</code></p> |

#### 3.1.15.3.2. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:basal-area-basal-wedge-protocol-shapes:mean-basal-area:simple-result</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/invalid.ttl</a></p> |

### 3.1.15.3.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:basal-area-basal-wedge-protocol-shapes:mean-basal-area:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Basal wedge protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/invalid.ttl</a></p> |

### 3.1.15.3.4. Unit of measure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:basal-area-basal-wedge-protocol-shapes:mean-basal-area:unit-of-measure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M2-PER-HA</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M2-PER-HA</a> .  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/shapes.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/valid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/invalid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/invalid.ttl</a></p> |

### 3.1.15.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:mean-basal-area:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> is the IRI for "Basal wedge protocol".</p> |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/shapes.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/valid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/invalid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/invalid.ttl</a></p>                 |

### 3.1.15.3.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:mean-basal-area:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/invalid.ttl</a></p> |

### 3.1.15.3.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:mean-basal-area:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/mean-basal-area/invalid.ttl</a></p> |

## 3.1.15.4. Field species name Observation

### 3.1.15.4.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:basal-area-basal-wedge-protocol-shapes:field-species-name:datatype</code>  |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype <code>xsd:string</code> .   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be <code>xsd:string</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/valid.ttl</code></p> <p>Invalid: <code>/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/invalid.ttl</code></p> |

### 3.1.15.4.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:basal-area-basal-wedge-protocol-shapes:field-species-name:feature-type</code>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant population</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/valid.ttl</code></p> <p>Invalid: <code>/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/invalid.ttl</code></p> |

### 3.1.15.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:field-species-name:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/invalid.ttl</a></p> |

#### 3.1.15.4.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:field-species-name:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Basal wedge protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/invalid.ttl</a></p> |

#### 3.1.15.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:field-species-name:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> is the IRI for "Basal wedge protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/shapes.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/valid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/invalid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/invalid.ttl</a>      |

### 3.1.15.4.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:field-species-name:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/shapes.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/valid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/invalid.ttl">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.15.5. Basal area sweep hit type Observation

#### 3.1.15.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-sweep-hit-type:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/invalid.ttl</a></p> |

#### 3.1.15.5.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-sweep-hit-type:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Basal sweep hit type codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Basal sweep hit type codes controlled vocabulary. |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">borderline</a><br><br><a href="#">in</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/shapes.ttl   |
| Examples   | Valid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/invalid.ttl |

### 3.1.15.5.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-sweep-hit-type:simple-result  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/shapes.ttl   |
| Examples            | Valid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/invalid.ttl |

### 3.1.15.5.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-sweep-hit-type:site-visit   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .               |
| Comment             | Observations following the Basal wedge protocol are made in the context of a site visit. |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/shapes.ttl   |
| Examples   | Valid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/invalid.ttl |

### 3.1.15.5.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-sweep-hit-type:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f">https://linked.data.gov.au/def/nrm/a7d605e0-7d90-473e-aac0-21cdf380576f</a> is the IRI for "Basal wedge protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/shapes.ttl  |
| Examples            | Valid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/invalid.ttl  |

### 3.1.15.5.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-sweep-hit-type:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                       |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .      |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/shapes.ttl  |
| Examples            | <p>Valid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/valid.ttl</p> <p>Invalid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/invalid.ttl</p> |

### 3.1.15.5.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:basal-area-basal-wedge-protocol-shapes:basal-area-sweep-hit-type:vocabulary  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>0ba17555-8c8f-435a-b16f-62773561207b\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0ba17555-8c8f-435a-b16f-62773561207b">https://linked.data.gov.au/def/nrm/0ba17555-8c8f-435a-b16f-62773561207b</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/0ba17555-8c8f-435a-b16f-62773561207b">https://linked.data.gov.au/def/nrm/0ba17555-8c8f-435a-b16f-62773561207b</a> is the IRI for "Basal sweep hit type codes".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/shapes.ttl  |
| Examples            | <p>Valid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/valid.ttl</p> <p>Invalid: /shapes/basal-area/basal-area-basal-wedge-protocol-shapes/basal-area-sweep-hit-type/invalid.ttl</p>   |

## 3.1.16. Basal Area - Full DBH measures protocol Conformance Class Requirements

### 3.1.16.1. Diameter at breast height dbh Observation

#### 3.1.16.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

#### 3.1.16.1.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.16.1.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Full DBH measures protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.16.1.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.16.1.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:basal-area-full-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:used-procedure">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> is the IRI for "Full DBH measures protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a><br><br>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a> |

### 3.1.16.1.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:basal-area-full-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:value-range">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:value-range</a>               |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a><br>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a> |

### 3.1.16.1.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a><br>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a> |

### 3.1.16.2. Plant status Observation

#### 3.1.16.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:plant-status:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/invalid.ttl</a></p> |

### 3.1.16.2.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="urn:shapes:basal-area-full-dbh-measures-protocol-shapes:plant-status:result-value">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:plant-status:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Plant statuses codes controlled vocabulary.   |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Plant statuses codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Alive</a></li> <li><a href="#">Dead</a></li> <li><a href="#">Resprouting</a></li> </ul>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/invalid.ttl</a></p> |

### 3.1.16.2.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:basal-area-full-dbh-measures-protocol-shapes:plant-status:simple-result">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:plant-status:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/invalid.ttl</a></p> |

#### 3.1.16.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:basal-area-full-dbh-measures-protocol-shapes:plant-status:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Full DBH measures protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/invalid.ttl</a></p> |

#### 3.1.16.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:basal-area-full-dbh-measures-protocol-shapes:plant-status:used-procedure">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:plant-status:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> is the IRI for "Full DBH measures protocol". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/invalid.ttl</a>            |

### 3.1.16.2.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:basal-area-full-dbh-measures-protocol-shapes:plant-status:value-type">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:plant-status:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/invalid.ttl</a> |

### 3.1.16.2.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:plant-status:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b7368a37-a4ac-4c84-8a78-1fb9755ad849\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849">https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849">https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849</a> is the IRI for "Plant statuses codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/plant-status/invalid.ttl</a>  |

### 3.1.16.3. Tree trunk type Observation

#### 3.1.16.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:tree-trunk-type:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl</a> |

### 3.1.16.3.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:tree-trunk-type:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Basal tree trunk types controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Basal tree trunk types controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Buttressed</a><br><br><a href="#">Ellipse</a><br><br><a href="#">Multi-Stemmed</a><br><br><a href="#">Smooth</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl</a> |

### 3.1.16.3.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:tree-trunk-type:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl</a></p> |

#### 3.1.16.3.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:basal-area-full-dbh-measures-protocol-shapes:tree-trunk-type:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Full DBH measures protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl</a></p> |

#### 3.1.16.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:basal-area-full-dbh-measures-protocol-shapes:tree-trunk-type:used-procedure">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:tree-trunk-type:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> is the IRI for "Full DBH measures protocol".         |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl</a></p> |

### 3.1.16.3.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:basal-area-full-dbh-measures-protocol-shapes:tree-trunk-type:value-type">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:tree-trunk-type:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl</a></p> |

### 3.1.16.3.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:tree-trunk-type:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">9282400b-56c3-49a9-bb82-87ef74914690\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9282400b-56c3-49a9-bb82-87ef74914690">https://linked.data.gov.au/def/nrm/9282400b-56c3-49a9-bb82-87ef74914690</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/9282400b-56c3-49a9-bb82-87ef74914690">https://linked.data.gov.au/def/nrm/9282400b-56c3-49a9-bb82-87ef74914690</a> is the IRI for "Basal tree trunk types". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl</a>  |

### 3.1.16.4. Stand basal area Observation

#### 3.1.16.4.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:stand-basal-area:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant community</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl</a> |

#### 3.1.16.4.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:stand-basal-area:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl</a> |

#### 3.1.16.4.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:stand-basal-area:site-visit</a>           |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Full DBH measures protocol are made in the context of a site visit.                |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl  |
| Examples   | Valid: /shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl |

#### 3.1.16.4.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:basal-area-full-dbh-measures-protocol-shapes:stand-basal-area:unit-of-measure   |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:M2-PER-HA</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M2-PER-HA</code> .  |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl  |
| Examples            | Valid: /shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl |

#### 3.1.16.4.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:basal-area-full-dbh-measures-protocol-shapes:stand-basal-area:used-procedure   |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> is the IRI for "Full DBH measures protocol". |
| Status     | submitted ○   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl</a><br>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl</a> |

#### 3.1.16.4.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:stand-basal-area:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl</a><br>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl</a> |

#### 3.1.16.4.7. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:stand-basal-area:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .                               |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .           |
| Status     | submitted <input type="radio"/>   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl</a></p> |

### 3.1.16.5. Field species name Observation

#### 3.1.16.5.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:basal-area-full-dbh-measures-protocol-shapes:field-species-name:datatype">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:field-species-name:datatype</a>   |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:string.   |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/invalid.ttl</a></p> |

#### 3.1.16.5.2. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:basal-area-full-dbh-measures-protocol-shapes:field-species-name:feature-type">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:field-species-name:feature-type</a> |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant occurrence</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                               |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/shapes.ttl   |
| Examples            | <p>Valid: /shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/invalid.ttl</p> |

### 3.1.16.5.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:basal-area-full-dbh-measures-protocol-shapes:field-species-name:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/shapes.ttl   |
| Examples            | <p>Valid: /shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/invalid.ttl</p> |

### 3.1.16.5.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:basal-area-full-dbh-measures-protocol-shapes:field-species-name:site-visit |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .            |

| Property            | Value  |
|---------------------|--|
| Comment             | Observations following the Full DBH measures protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.16.5.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:basal-area-full-dbh-measures-protocol-shapes:field-species-name:used-procedure">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:field-species-name:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> .<br><a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> is the IRI for "Full DBH measures protocol".              |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.16.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:field-species-name:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.16.6. Circumference at breast height Observation

#### 3.1.16.6.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:circumference-at-breast-height:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl</a></p> |

### 3.1.16.6.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:circumference-at-breast-height:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl</a></p> |

### 3.1.16.6.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:circumference-at-breast-height:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Full DBH measures protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl</a></p> |

### 3.1.16.6.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:circumference-at-breast-height:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl</a></p> |

### 3.1.16.6.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:circumference-at-breast-height:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f">https://linked.data.gov.au/def/nrm/5a00862b-a885-472e-8bee-561ec502653f</a> is the IRI for "Full DBH measures protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl</a><br>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl</a> |

### 3.1.16.6.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:circumference-at-breast-height:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl</a><br>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl</a> |

### 3.1.16.6.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-full-dbh-measures-protocol-shapes:circumference-at-breast-height:value-type</a>         |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                                 |
| Status              | <a href="#">submitted</a>              |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl</a><br>Invalid: <a href="#">/shapes/basal-area/basal-area-full-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl</a> |

## 3.1.17. Basal Area - Lite DBH measures protocol Conformance Class Requirements

### 3.1.17.1. Diameter at breast height dbh Observation

#### 3.1.17.1.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <b>MUST</b> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a><br>Invalid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a> |

#### 3.1.17.1.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:simple-result</a>   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <b>MUST</b> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <b>MUST</b> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | <a href="#">submitted</a> <input checked="" type="radio"/>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.17.1.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:site-visit">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Lite DBH measures protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.17.1.4. Unit of measure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:unit-of-measure">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:unit-of-measure</a> |
| Label      | Unit of measure   |
| Definition | The result <i>MUST</i> have <a href="#">unit:M</a> as the value for <a href="#">tern:unit</a> .   |
| Comment    | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M</a> .  |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.17.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:used-procedure">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> is the IRI for "Lite DBH measures protocol".</p>   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.17.1.6. Value range

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:value-range">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:value-range</a> |
| Label      | Value range   |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.17.1.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:diameter-at-breast-height-dbh:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.17.2. Plant status Observation

#### 3.1.17.2.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:plant-status:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant occurrence</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/valid.ttl</code></p> <p>Invalid: <code>/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/invalid.ttl</code></p> |

### 3.1.17.2.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <code>urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:plant-status:result-value</code>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Plant statuses codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Plant statuses codes controlled vocabulary.  |
| Status                | <code>submitted</code> ○  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Alive</code></li> <li><code>Dead</code></li> <li><code>Resprouting</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/shapes.ttl</code>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/invalid.ttl</a> |

### 3.1.17.2.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:plant-status:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .  |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/invalid.ttl</a> |

### 3.1.17.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:plant-status:site-visit</a>               |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .                                 |
| Comment             | Observations following the Lite DBH measures protocol are made in the context of a site visit.                |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/shapes.ttl  |
| Examples   | Valid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/invalid.ttl |

### 3.1.17.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:plant-status:used-procedure   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> is the IRI for "Lite DBH measures protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/shapes.ttl   |
| Examples            | Valid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/invalid.ttl  |

### 3.1.17.2.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:plant-status:value-type   |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> . |
| Status     | submitted ○   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/shapes.ttl  |
| Examples            | Valid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/invalid.ttl |

### 3.1.17.2.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:plant-status:vocabulary   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>b7368a37-a4ac-4c84-8a78-1fb9755ad849\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849">https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849">https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849</a> is the IRI for "Plant statuses codes". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/shapes.ttl   |
| Examples            | Valid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/plant-status/invalid.ttl  |

### 3.1.17.3. Tree trunk type Observation

#### 3.1.17.3.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:tree-trunk-type:feature-type |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant occurrence</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl</code></p> <p>Invalid: <code>/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl</code></p> |

### 3.1.17.3.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <code>urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:tree-trunk-type:result-value</code>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Basal tree trunk types controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Basal tree trunk types controlled vocabulary.   |
| Status                | <code>submitted</code> ○   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Buttressed</code></li> <li><code>Ellipse</code></li> <li><code>Multi-Stemmed</code></li> <li><code>Smooth</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl   |
| Examples   | Valid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl |

### 3.1.17.3.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:tree-trunk-type:simple-result  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl   |
| Examples            | Valid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl |

### 3.1.17.3.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:tree-trunk-type:site-visit             |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                     |
| Comment             | Observations following the Lite DBH measures protocol are made in the context of a site visit. |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl   |
| Examples   | Valid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl |

### 3.1.17.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:tree-trunk-type:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> is the IRI for "Lite DBH measures protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl  |
| Examples            | Valid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl  |

### 3.1.17.3.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:tree-trunk-type:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                   |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl</a></p> |

### 3.1.17.3.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:tree-trunk-type:vocabulary">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:tree-trunk-type:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">9282400b-56c3-49a9-bb82-87ef74914690\$</a> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9282400b-56c3-49a9-bb82-87ef74914690">https://linked.data.gov.au/def/nrm/9282400b-56c3-49a9-bb82-87ef74914690</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/9282400b-56c3-49a9-bb82-87ef74914690">https://linked.data.gov.au/def/nrm/9282400b-56c3-49a9-bb82-87ef74914690</a> is the IRI for "Basal tree trunk types".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/tree-trunk-type/invalid.ttl</a></p>   |

### 3.1.17.4. Stand basal area Observation

#### 3.1.17.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:stand-basal-area:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant community</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl</a></p> |

#### 3.1.17.4.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:stand-basal-area:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl</a></p> |

#### 3.1.17.4.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:stand-basal-area:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Lite DBH measures protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl</a></p> |

#### 3.1.17.4.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:stand-basal-area:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M2-PER-HA</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M2-PER-HA</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl</a></p> |

#### 3.1.17.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:stand-basal-area:used-procedure">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:stand-basal-area:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> is the IRI for "Lite DBH measures protocol".             |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl</a></p> |

### 3.1.17.4.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:stand-basal-area:value-range">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:stand-basal-area:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl</a></p> |

### 3.1.17.4.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:stand-basal-area:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/stand-basal-area/invalid.ttl</a></p> |

### 3.1.17.5. Field species name Observation

#### 3.1.17.5.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:field-species-name:datatype</a>   |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.17.5.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:field-species-name:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.17.5.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:field-species-name:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.17.5.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:field-species-name:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Lite DBH measures protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.17.5.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:field-species-name:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> is the IRI for "Lite DBH measures protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.17.5.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:field-species-name:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.17.6. Circumference at breast height Observation

#### 3.1.17.6.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:circumference-at-breast-height:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl  |
| Examples   | Valid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl |

### 3.1.17.6.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:circumference-at-breast-height:simple-result   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl  |
| Examples            | Valid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl<br><br>Invalid: /shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl |

### 3.1.17.6.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:circumference-at-breast-height:site-visit |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                        |
| Comment             | Observations following the Lite DBH measures protocol are made in the context of a site visit.    |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl</a></p> |

### 3.1.17.6.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:circumference-at-breast-height:unit-of-measure">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:circumference-at-breast-height:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <b>unit:M</b> as the value for <b>tern:unit</b> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <b>unit:M</b> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl</a></p> |

### 3.1.17.6.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:circumference-at-breast-height:used-procedure">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:circumference-at-breast-height:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27">https://linked.data.gov.au/def/nrm/cd83fb3e-d8d3-4502-a618-a0f3f8712b27</a> is the IRI for "Lite DBH measures protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl</a></p> |

### 3.1.17.6.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:circumference-at-breast-height:value-range</a>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl</a></p> |

### 3.1.17.6.7. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:basal-area-lite-dbh-measures-protocol-shapes:circumference-at-breast-height:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                         |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/basal-area/basal-area-lite-dbh-measures-protocol-shapes/circumference-at-breast-height/invalid.ttl</a></p> |

### 3.1.18. Camera Traps Module

This module has three sub protocols - Array, Fauna, and Targeted protocol

### 3.1.19. Camera Traps - Array protocol Conformance Class Requirements

#### 3.1.19.1. Redeployment observations Observation

##### 3.1.19.1.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-array-protocol-shapes:redeployment-observations:datatype</a>  |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:string.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/invalid.ttl</a></p> |

##### 3.1.19.1.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-array-protocol-shapes:redeployment-observations:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">site</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>site</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/invalid.ttl</a></p> |

### 3.1.19.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-array-protocol-shapes:redeployment-observations:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/invalid.ttl</a></p> |

### 3.1.19.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-array-protocol-shapes:redeployment-observations:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Camera traps module - array protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/invalid.ttl</a></p> |

### 3.1.19.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-array-protocol-shapes:redeployment-observations:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1a6953e4-a830-41f8-9cf8-11ead4dd6bc2">https://linked.data.gov.au/def/nrm/1a6953e4-a830-41f8-9cf8-11ead4dd6bc2</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1a6953e4-a830-41f8-9cf8-11ead4dd6bc2">https://linked.data.gov.au/def/nrm/1a6953e4-a830-41f8-9cf8-11ead4dd6bc2</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1a6953e4-a830-41f8-9cf8-11ead4dd6bc2">https://linked.data.gov.au/def/nrm/1a6953e4-a830-41f8-9cf8-11ead4dd6bc2</a> is the IRI for "Camera traps module - array protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/invalid.ttl</a> |

### 3.1.19.1.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:camera-traps-array-protocol-shapes:redeployment-observations:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/camera-traps/camera-traps-array-protocol-shapes/redeployment-observations/invalid.ttl</a> |

### 3.1.19.2. Habitat description Observation

#### 3.1.19.2.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:camera-traps-array-protocol-shapes:habitat-description:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">habitat</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>habitat</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | <a href="/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/shapes.ttl">/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/valid.ttl">/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/valid.ttl</a><br>Invalid: <a href="/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/invalid.ttl">/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/invalid.ttl</a> |

### 3.1.19.2.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-array:habitat-description:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Habitat description codes controlled vocabulary or it's text value.   |
| Comment             | If value type is <a href="#">tern:IRI</a> , the value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Habitat description codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | <a href="#">TBA</a>   |
| Property            | Value   |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | If value type is <code>tern:IRI</code> , the result value MUST be from the following list:<br><br>Beach<br><br>Billabong or Swamp<br><br>Cave<br><br>Chenopod shrubland<br><br>Closed chenopod shrubland<br><br>Closed fernland<br><br>Closed formland<br><br>Closed forest<br><br>Closed heathland<br><br>Closed hummock grassland<br><br>Closed lichenland<br><br>Closed liverwortland<br><br>Closed mallee forest<br><br>Closed mallee shrubland<br><br>Closed mossland<br><br>Closed rushland<br><br>Closed sedgeland<br><br>Closed shrubland<br><br>Closed sod grassland<br><br>Closed tussock grassland<br><br>Closed vineland<br><br>Coastal Waters<br><br>Crop Land |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/shapes.ttl  |
| Examples   | <p>Valid: /shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/valid.ttl</p> <p>Invalid: /shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/invalid.ttl</p> |

### 3.1.19.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:camera-traps-array-protocol-shapes:habitat-description:simple-result   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/shapes.ttl  |
| Examples            | <p>Valid: /shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/valid.ttl</p> <p>Invalid: /shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/invalid.ttl</p> |

### 3.1.19.2.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:camera-traps-array-protocol-shapes:habitat-description:site-visit                     |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                       |
| Comment             | Observations following the Camera traps -array protocol are made in the context of a site visit. |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/shapes.ttl   |
| Examples   | Valid: /shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/valid.ttl<br><br>Invalid: /shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/invalid.ttl |

### 3.1.19.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:camera-traps-array-protocol-shapes:habitat-description:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1a6953e4-a830-41f8-9cf8-11ead4dd6bc2">https://linked.data.gov.au/def/nrm/1a6953e4-a830-41f8-9cf8-11ead4dd6bc2</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1a6953e4-a830-41f8-9cf8-11ead4dd6bc2">https://linked.data.gov.au/def/nrm/1a6953e4-a830-41f8-9cf8-11ead4dd6bc2</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1a6953e4-a830-41f8-9cf8-11ead4dd6bc2">https://linked.data.gov.au/def/nrm/1a6953e4-a830-41f8-9cf8-11ead4dd6bc2</a> is the IRI for "Camera traps module - array protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/shapes.ttl  |
| Examples            | Valid: /shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/valid.ttl<br><br>Invalid: /shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/invalid.ttl  |

### 3.1.19.2.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:camera-traps-array-protocol-shapes:habitat-description:value-type                                |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> or <code>tern:Text</code> .                  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> or <code>tern:Text</code> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/shapes.ttl">/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/valid.ttl">/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/invalid.ttl">/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.19.2.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:camera-traps-array-protocol-shapes:habitat-description:vocabulary">urn:shapes:camera-traps-array-protocol-shapes:habitat-description:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a> is the IRI for "Habitat description codes".</p> |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/shapes.ttl">/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/valid.ttl">/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/invalid.ttl">/shapes/camera-traps/camera-traps-array-protocol-shapes/habitat-description/invalid.ttl</a></p>  |

## 3.1.20. Camera Traps - Fauna protocol Conformance Class Requirements

### 3.1.20.1. Redeployment observations Observation

### 3.1.20.1.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-fauna-protocol-shapes:redeployment-observations:datatype</a>  |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/invalid.ttl</a></p> |

### 3.1.20.1.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-fauna-protocol-shapes:redeployment-observations:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">site</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>site</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/invalid.ttl</a></p> |

### 3.1.20.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-fauna-protocol-shapes:redeployment-observations:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/invalid.ttl</a></p> |

### 3.1.20.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-fauna-protocol-shapes:redeployment-observations:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Camera traps module - fauna protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/invalid.ttl</a></p> |

### 3.1.20.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:camera-traps-fauna-protocol-shapes:redeployment-observations:used-procedure">urn:shapes:camera-traps-fauna-protocol-shapes:redeployment-observations:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a2afccd5-766e-44bc-98c1-f27aae26727f">https://linked.data.gov.au/def/nrm/a2afccd5-766e-44bc-98c1-f27aae26727f</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a2afccd5-766e-44bc-98c1-f27aae26727f">https://linked.data.gov.au/def/nrm/a2afccd5-766e-44bc-98c1-f27aae26727f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/a2afccd5-766e-44bc-98c1-f27aae26727f">https://linked.data.gov.au/def/nrm/a2afccd5-766e-44bc-98c1-f27aae26727f</a> is the IRI for "Camera traps module - fauna protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/shapes.ttl">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/valid.ttl">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/valid.ttl</a><br><br>Invalid: <a href="/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/invalid.ttl">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/invalid.ttl</a>  |

### 3.1.20.1.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:camera-traps-fauna-protocol-shapes:redeployment-observations:value-type">urn:shapes:camera-traps-fauna-protocol-shapes:redeployment-observations:value-type</a>                     |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Text</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Text</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/shapes.ttl">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/redeployment-observations/invalid.ttl</a> |

### 3.1.20.2. Habitat description Observation

#### 3.1.20.2.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:camera-traps-fauna-protocol-shapes:habitat-description:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">habitat</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>habitat</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/invalid.ttl</a> |

#### 3.1.20.2.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-fauna:habitat-description:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Habitat description codes controlled vocabulary or it's text value.   |
| Comment             | If value type is <a href="#">tern:IRI</a> , the value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Habitat description codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | If value type is <code>tern:IRI</code> , the result value MUST be from the following list:<br><br>Beach<br><br>Billabong or Swamp<br><br>Cave<br><br>Chenopod shrubland<br><br>Closed chenopod shrubland<br><br>Closed fernland<br><br>Closed formland<br><br>Closed forest<br><br>Closed heathland<br><br>Closed hummock grassland<br><br>Closed lichenland<br><br>Closed liverwortland<br><br>Closed mallee forest<br><br>Closed mallee shrubland<br><br>Closed mossland<br><br>Closed rushland<br><br>Closed sedgeland<br><br>Closed shrubland<br><br>Closed sod grassland<br><br>Closed tussock grassland<br><br>Closed vineland<br><br>Coastal Waters<br><br>Crop Land |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/shapes.ttl   |
| Examples   | Valid: /shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/valid.ttl<br><br>Invalid: /shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/invalid.ttl |

### 3.1.20.2.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:camera-traps-fauna-protocol-shapes:habitat-description:simple-result  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/shapes.ttl   |
| Examples            | Valid: /shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/valid.ttl<br><br>Invalid: /shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/invalid.ttl |

### 3.1.20.2.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:camera-traps-fauna-protocol-shapes:habitat-description:site-visit                     |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                       |
| Comment             | Observations following the Camera traps -fauna protocol are made in the context of a site visit. |
| Status              | submitted ○  |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/shapes.ttl   |
| Examples   | Valid: /shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/valid.ttl<br><br>Invalid: /shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/invalid.ttl |

### 3.1.20.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:camera-traps-fauna-protocol-shapes:habitat-description:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a2afcccd5-766e-44bc-98c1-f27aae26727f">https://linked.data.gov.au/def/nrm/a2afcccd5-766e-44bc-98c1-f27aae26727f</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a2afcccd5-766e-44bc-98c1-f27aae26727f">https://linked.data.gov.au/def/nrm/a2afcccd5-766e-44bc-98c1-f27aae26727f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/a2afcccd5-766e-44bc-98c1-f27aae26727f">https://linked.data.gov.au/def/nrm/a2afcccd5-766e-44bc-98c1-f27aae26727f</a> is the IRI for "Camera traps module - fauna protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/shapes.ttl  |
| Examples            | Valid: /shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/valid.ttl<br><br>Invalid: /shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/invalid.ttl  |

### 3.1.20.2.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:camera-traps-fauna-protocol-shapes:habitat-description:value-type                                |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> or <code>tern:Text</code> .                  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> or <code>tern:Text</code> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/shapes.ttl">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/valid.ttl">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/invalid.ttl">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.20.2.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:camera-traps-fauna-protocol-shapes:habitat-description:vocabulary">urn:shapes:camera-traps-fauna-protocol-shapes:habitat-description:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a> is the IRI for "Habitat description codes".</p> |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/shapes.ttl">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/valid.ttl">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/invalid.ttl">/shapes/camera-traps/camera-traps-fauna-protocol-shapes/habitat-description/invalid.ttl</a></p>  |

## 3.1.21. Camera Traps - Targeted protocol Conformance Class Requirements

### 3.1.21.1. Redeployment observations Observation

### 3.1.21.1.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-targeted-protocol-shapes:redeployment-observations:datatype</a>   |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/invalid.ttl</a></p> |

### 3.1.21.1.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-targeted-protocol-shapes:redeployment-observations:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">site</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>site</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/invalid.ttl</a></p> |

### 3.1.21.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-targeted-protocol-shapes:redeployment-observations:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/invalid.ttl</a></p> |

### 3.1.21.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-targeted-protocol-shapes:redeployment-observations:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Camera traps module - targeted protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/invalid.ttl</a></p> |

### 3.1.21.1.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:camera-traps-targeted-protocol-shapes:redeployment-observations:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cb497bbc-75dc-450d-b020-5bc3c54d5586">https://linked.data.gov.au/def/nrm/cb497bbc-75dc-450d-b020-5bc3c54d5586</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cb497bbc-75dc-450d-b020-5bc3c54d5586">https://linked.data.gov.au/def/nrm/cb497bbc-75dc-450d-b020-5bc3c54d5586</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/cb497bbc-75dc-450d-b020-5bc3c54d5586">https://linked.data.gov.au/def/nrm/cb497bbc-75dc-450d-b020-5bc3c54d5586</a> is the IRI for "Camera traps module - targeted protocol".         |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/shapes.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/valid.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/valid.ttl</a><br><br>Invalid: <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/invalid.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/invalid.ttl</a> |

### 3.1.21.1.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-targeted-protocol-shapes:redeployment-observations:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/shapes.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/redeployment-observations/invalid.ttl</a> |

### 3.1.21.2. Habitat description Observation

#### 3.1.21.2.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:camera-traps-targeted-protocol-shapes:habitat-description:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">habitat</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>habitat</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/invalid.ttl</a> |

#### 3.1.21.2.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:camera-traps-targeted:habitat-description:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Habitat description codes controlled vocabulary or its text value.  |
| Comment             | If value type is <a href="#">tern:IRI</a> , the value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Habitat description codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |

| <b>Property</b> | <b>Value</b> |
|-----------------|--------------|
| Property        | Value        |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | If value type is <code>tern:IRI</code> , the result value MUST be from the following list:<br><br>Beach<br><br>Billabong or Swamp<br><br>Cave<br><br>Chenopod shrubland<br><br>Closed chenopod shrubland<br><br>Closed fernland<br><br>Closed formland<br><br>Closed forest<br><br>Closed heathland<br><br>Closed hummock grassland<br><br>Closed lichenland<br><br>Closed liverwortland<br><br>Closed mallee forest<br><br>Closed mallee shrubland<br><br>Closed mossland<br><br>Closed rushland<br><br>Closed sedgeland<br><br>Closed shrubland<br><br>Closed sod grassland<br><br>Closed tussock grassland<br><br>Closed vineland<br><br>Coastal Waters<br><br>Crop Land |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/shapes.ttl   |
| Examples   | <p>Valid: /shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/valid.ttl</p> <p>Invalid: /shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/invalid.ttl</p> |

### 3.1.21.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:camera-traps-targeted-protocol-shapes:habitat-description:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/shapes.ttl   |
| Examples            | <p>Valid: /shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/valid.ttl</p> <p>Invalid: /shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/invalid.ttl</p> |

### 3.1.21.2.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:camera-traps-targeted-protocol-shapes:habitat-description:site-visit                     |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                          |
| Comment    | Observations following the Camera traps -targeted protocol are made in the context of a site visit. |
| Status     | submitted <input type="radio"/>   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/shapes.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/valid.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/invalid.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.21.2.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:camera-traps-targeted-protocol-shapes:habitat-description:used-procedure">urn:shapes:camera-traps-targeted-protocol-shapes:habitat-description:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cb497bbc-75dc-450d-b020-5bc3c54d5586">https://linked.data.gov.au/def/nrm/cb497bbc-75dc-450d-b020-5bc3c54d5586</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cb497bbc-75dc-450d-b020-5bc3c54d5586">https://linked.data.gov.au/def/nrm/cb497bbc-75dc-450d-b020-5bc3c54d5586</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/cb497bbc-75dc-450d-b020-5bc3c54d5586">https://linked.data.gov.au/def/nrm/cb497bbc-75dc-450d-b020-5bc3c54d5586</a> is the IRI for "Camera traps module - targeted protocol".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/shapes.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/valid.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/invalid.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/invalid.ttl</a></p>                |

### 3.1.21.2.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:camera-traps-targeted-protocol-shapes:habitat-description:value-type">urn:shapes:camera-traps-targeted-protocol-shapes:habitat-description:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> or <code>tern:Text</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> or <code>tern:Text</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/shapes.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/valid.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/invalid.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.21.2.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:camera-traps-targeted-protocol-shapes:habitat-description:vocabulary">urn:shapes:camera-traps-targeted-protocol-shapes:habitat-description:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a> is the IRI for "Habitat description codes".</p> |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/shapes.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/valid.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/invalid.ttl">/shapes/camera-traps/camera-traps-targeted-protocol-shapes/habitat-description/invalid.ttl</a></p>  |

## 3.1.22. Coarse Woody Debris Module

This module has two sub protocols - Plot measures and Transect measures

### 3.1.23. Coarse Woody Debris - Plot measures protocol Conformance Class Requirements

#### 3.1.23.1. Coarse woody debris volume individual cwd volume Observation

##### 3.1.23.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-volume-individual-cwd-volume:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">coarse woody debris</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/invalid.ttl</a></p> |

##### 3.1.23.1.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-volume-individual-cwd-volume:simple-result</a>                   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/shapes.ttl</a>     |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/invalid.ttl</a> |

### 3.1.23.1.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-volume-individual-cwd-volume:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Plots measures protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/invalid.ttl</a> |

### 3.1.23.1.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-volume-individual-cwd-volume:unit-of-measure</a>             |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M3</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M3</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/invalid.ttl</a> |

### 3.1.23.1.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-volume-individual-cwd-volume:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> is the IRI for "Plots measures protocol". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/invalid.ttl</a>   |

### 3.1.23.1.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-volume-individual-cwd-volume:value-range</a> |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a>                              |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/shapes.ttl  |
| Examples   | Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/valid.ttl<br><br>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/invalid.ttl |

### 3.1.23.1.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-volume-individual-cwd-volume:value-type   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Float</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Float</code> .  |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/shapes.ttl  |
| Examples            | Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/valid.ttl<br><br>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-volume-individual-cwd-volume/invalid.ttl |

### 3.1.23.2. Coarse woody debris cover percent Observation

#### 3.1.23.2.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-cover-percent:feature-type  |
| Label      | Feature type   |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>coarse woody debris</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status     | submitted ○  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</a></p> |

### 3.1.23.2.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-cover-percent:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</a></p> |

### 3.1.23.2.3. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-cover-percent:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment    | Observations following the Plots measures protocol are made in the context of a site visit.                               |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl  |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</p> |

### 3.1.23.2.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-cover-percent:unit-of-measure  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <b>unit:PERCENT</b> as the value for <b>tern:unit</b> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <b>unit:PERCENT</b> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl  |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</p> |

### 3.1.23.2.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-cover-percent:used-procedure  |
| Label      | Used procedure   |
| Definition | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> is the IRI for "Plots measures protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</a> |

### 3.1.23.2.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-cover-percent:value-range">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-cover-percent:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.   |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</a><br><br>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</a> |

### 3.1.23.2.7. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-cover-percent:value-type">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-cover-percent:value-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-cover-percent/invalid.ttl</a></p> |

### 3.1.23.3. Cwd volume per hectare Observation

#### 3.1.23.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-per-hectare-cwd-volume-per-hectare:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">coarse woody debris</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/invalid.ttl</a></p> |

#### 3.1.23.3.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-per-hectare-cwd-volume-per-hectare:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/invalid.ttl</a></p> |

### 3.1.23.3.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-per-hectare-cwd-volume-per-hectare:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plots measures protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/invalid.ttl</a></p> |

### 3.1.23.3.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-per-hectare-cwd-volume-per-hectare:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M3-PER-HA</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M3-PER-HA</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/invalid.ttl</a></p> |

### 3.1.23.3.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-per-hectare-cwd-volume-per-hectare:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> is the IRI for "Plots measures protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/invalid.ttl</a></p>  |

### 3.1.23.3.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-per-hectare-cwd-volume-per-hectare:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/invalid.ttl</a></p> |

### 3.1.23.3.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-per-hectare-cwd-volume-per-hectare:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-volume-per-hectare/invalid.ttl</a></p> |

### 3.1.23.4. Coarse woody debris abundance per hectare Observation

### 3.1.23.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-abundance-per-hectare:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">coarse woody debris</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/invalid.ttl</a></p> |

### 3.1.23.4.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-abundance-per-hectare:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/invalid.ttl</a></p> |

### 3.1.23.4.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-abundance-per-hectare:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Plots measures protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/invalid.ttl</a></p> |

### 3.1.23.4.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-abundance-per-hectare:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M3-PER-HA</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M3-PER-HA</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/invalid.ttl</a></p> |

### 3.1.23.4.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-abundance-per-hectare:used-procedure">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-abundance-per-hectare:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> is the IRI for "Plots measures protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/valid.ttl</a><br><br>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/invalid.ttl</a> |

### 3.1.23.4.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-abundance-per-hectare:value-range">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-abundance-per-hectare:value-range</a>                                 |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/invalid.ttl</a> |

### 3.1.23.4.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-abundance-per-hectare:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-abundance-per-hectare/invalid.ttl</a> |

### 3.1.23.5. Coarse woody debris length Observation

#### 3.1.23.5.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-length:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">coarse woody debris</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl  |
| Examples   | Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl<br><br>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl |

### 3.1.23.5.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-length:simple-result  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl  |
| Examples            | Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl<br><br>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl |

### 3.1.23.5.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-length:site-visit |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                         |
| Comment             | Observations following the Plots measures protocol are made in the context of a site visit.        |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl   |
| Examples   | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl</p> |

#### 3.1.23.5.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-length:unit-of-measure   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <b>unit:M</b> as the value for <b>tern:unit</b> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <b>unit:M</b> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl   |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl</p> |

#### 3.1.23.5.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-length:used-procedure   |
| Label      | Used procedure   |
| Definition | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> .   |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> is the IRI for "Plots measures protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl</a></p> |

### 3.1.23.5.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-length:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value greater than or equal to 0.1.   |
| Comment             | Value <i>MUST</i> be at least 0.1.  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl</a></p> |

### 3.1.23.5.7. Value type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-length:value-type</a> |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                          |
| Status     | submitted ○  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl</a></p> |

### 3.1.23.6. Coarse woody debris narrowest diameter Observation

#### 3.1.23.6.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">coarse woody debris</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</a></p> |

#### 3.1.23.6.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:simple-result</a>                             |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</code></p> <p>Invalid: <code>/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</code></p> |

### 3.1.23.6.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plots measures protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</code></p> <p>Invalid: <code>/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</code></p> |

### 3.1.23.6.4. Unit of measure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:unit-of-measure</code> |
| Label      | Unit of measure  |
| Definition | The result <i>MUST</i> have <code>unit:Centim</code> as the value for <code>tern:unit</code> .                                   |

| Property            | Value   |
|---------------------|---|
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:Centim</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</a></p> <p>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</a></p> |

### 3.1.23.6.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:used-procedure">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> is the IRI for "Plots measures protocol".</p>  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</a></p> <p>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</a></p> |

### 3.1.23.6.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value greater than or equal to 5.   |
| Comment             | Value <i>MUST</i> be at least 5.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</a></p> |

### 3.1.23.6.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</a></p> |

### 3.1.23.7. Cwd decay class Observation

#### 3.1.23.7.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:cwd-decay-class:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">coarse woody debris</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/invalid.ttl</a></p> |

### 3.1.23.7.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:cwd-decay-class:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Coarse Woody Debris decay classes codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Coarse Woody Debris decay classes codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Class 1<br><br>Class 2<br><br>Class 3<br><br>Class 4<br><br>Class 5   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/shapes.ttl   |
| Examples              | Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/valid.ttl<br><br>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/invalid.ttl |

### 3.1.23.7.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:cwd-decay-class:simple-result   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/shapes.ttl   |
| Examples            | Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/valid.ttl<br><br>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/invalid.ttl |

### 3.1.23.7.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:cwd-decay-class:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Plots measures protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/invalid.ttl</a></p> |

### 3.1.23.7.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:cwd-decay-class:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> is the IRI for "Plots measures protocol".</p> |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/invalid.ttl</a> |

### 3.1.23.7.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:cwd-decay-class:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/invalid.ttl</a> |

### 3.1.23.7.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:cwd-decay-class:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b5180d8a-75b6-4bca-9413-0e507e910387\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b5180d8a-75b6-4bca-9413-0e507e910387">https://linked.data.gov.au/def/nrm/b5180d8a-75b6-4bca-9413-0e507e910387</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b5180d8a-75b6-4bca-9413-0e507e910387">https://linked.data.gov.au/def/nrm/b5180d8a-75b6-4bca-9413-0e507e910387</a> is the IRI for "Coarse Woody Debris decay classes codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/shapes.ttl  |
| Examples   | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/cwd-decay-class/invalid.ttl</p> |

### 3.1.23.8. Coarse woody debris widest diameter Observation

#### 3.1.23.8.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-widest-diameter:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">coarse woody debris</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl  |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</p> |

#### 3.1.23.8.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-widest-diameter:simple-result  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | submitted   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl  |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</p> |

### 3.1.23.8.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-widest-diameter:site-visit   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plots measures protocol are made in the context of a site visit.   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl  |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</p> |

### 3.1.23.8.4. Unit of measure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-widest-diameter:unit-of-measure |
| Label      | Unit of measure  |
| Definition | The result <i>MUST</i> have <code>unit:Centim</code> as the value for <code>tern:unit</code> .                   |
| Comment    | Result value's unit of measure <i>MUST</i> have the value <code>unit:Centim</code> .                             |
| Status     | submitted <input type="radio"/>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl  |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</p> |

### 3.1.23.8.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-widest-diameter:used-procedure  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831">https://linked.data.gov.au/def/nrm/7d50794a-8784-4ab9-99ff-a324bb6e0831</a> is the IRI for "Plots measures protocol".</p> |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl   |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</p>  |

### 3.1.23.8.6. Value range

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-widest-diameter:value-range |
| Label      | Value range  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> have a value greater than or equal to 10.  |
| Comment             | Value <i>MUST</i> be at least 10.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</a></p> |

### 3.1.23.8.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-plot-measures-protocol-shapes:coarse-woody-debris-widest-diameter:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-plot-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</a></p> |

## 3.1.24. Coarse Woody Debris - Transects measures protocol Conformance Class Requirements

### 3.1.24.1. Coarse woody debris percent cover Observation

#### 3.1.24.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-percent-cover:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">coarse woody debris</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/invalid.ttl</a></p> |

### 3.1.24.1.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-percent-cover:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/invalid.ttl</a></p> |

### 3.1.24.1.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-percent-cover:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Transects measures protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/invalid.ttl</a></p> |

#### 3.1.24.1.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-percent-cover:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:PERCENT</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:PERCENT</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/invalid.ttl</a></p> |

#### 3.1.24.1.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-percent-cover:used-procedure">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-percent-cover:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> is the IRI for "Transects measures protocol".   |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/invalid.ttl</a> |

### 3.1.24.1.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-percent-cover:value-range">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-percent-cover:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.   |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/invalid.ttl</a> |

### 3.1.24.1.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-percent-cover:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-percent-cover/invalid.ttl</a></p> |

### 3.1.24.2. Coarse woody debris volume individual Observation

#### 3.1.24.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-volume-individual:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">coarse woody debris</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/invalid.ttl</a></p> |

### 3.1.24.2.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-volume-individual:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/invalid.ttl</a></p> |

### 3.1.24.2.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-volume-individual:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Transects measures protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/invalid.ttl</a></p> |

### 3.1.24.2.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-volume-individual:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:M3</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M3</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/invalid.ttl</a></p> |

### 3.1.24.2.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-volume-individual:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> is the IRI for "Transects measures protocol".</p> |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/invalid.ttl</a> |

### 3.1.24.2.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-volume-individual:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/invalid.ttl</a> |

### 3.1.24.2.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-volume-individual:value-type</a>                  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>                                        |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-volume-individual/invalid.ttl</a> |

### 3.1.24.3. Coarse woody debris length Observation

#### 3.1.24.3.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-length:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">coarse woody debris</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl</a> |

#### 3.1.24.3.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-length:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> . |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl  |
| Examples   | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl</p> |

### 3.1.24.3.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-length:site-visit   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Transects measures protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl  |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl</p> |

### 3.1.24.3.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-length:unit-of-measure |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> .                    |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M</code> .                              |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl  |
| Examples   | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl</p> |

### 3.1.24.3.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-length:used-procedure  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> is the IRI for "Transects measures protocol".</p> |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl   |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl</p>  |

### 3.1.24.3.6. Value range

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-length:value-range |
| Label      | Value range  |
| Definition | The result <i>MUST</i> have a value greater than or equal to 0.1.  |
| Comment    | Value <i>MUST</i> be at least 0.1.   |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl  |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl</p> |

### 3.1.24.3.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-length:value-type   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Float</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Float</code> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/shapes.ttl  |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-length/invalid.ttl</p> |

### 3.1.24.4. Coarse woody debris narrowest diameter Observation

#### 3.1.24.4.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:feature-type |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant</code> individual.                        |

| Property            | Value   |
|---------------------|---|
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</a></p> |

#### 3.1.24.4.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <b>sosa:hasSimpleResult</b> <i>MUST</i> have a value that is the same as the value in the value node of <b>sosa:hasResult</b> .   |
| Comment             | Value of <b>sosa:hasSimpleResult</b> <i>MUST</i> be the same as the value in <b>sosa:hasResult</b> .  |
| Status              | submitted <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</a></p> |

#### 3.1.24.4.3. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:site-visit</a> |
| Label      | Site visit  |

| Property            | Value   |
|---------------------|---|
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Transects measures protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</a></p> <p>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</a></p> |

#### 3.1.24.4.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:unit-of-measure</code>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:Centim</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:Centim</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</a></p> <p>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</a></p> |

#### 3.1.24.4.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> is the IRI for "Transects measures protocol".  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</a></p> <p>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</a></p> |

#### 3.1.24.4.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:value-range</code>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value greater than or equal to 5.   |
| Comment             | Value <i>MUST</i> be at least 5.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</a></p> <p>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</a></p> |

#### 3.1.24.4.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-narrowest-diameter:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-narrowest-diameter/invalid.ttl</a></p> |

### 3.1.24.5. Cwd decay class Observation

#### 3.1.24.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:cwd-decay-class:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant specimen</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant specimen</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/invalid.ttl</a></p> |

### 3.1.24.5.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:cwd-decay-class:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Coarse Woody Debris decay classes codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Coarse Woody Debris decay classes codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Class 1</a></li> <li><a href="#">Class 2</a></li> <li><a href="#">Class 3</a></li> <li><a href="#">Class 4</a></li> <li><a href="#">Class 5</a></li> </ul>             |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/invalid.ttl</a></p> |

### 3.1.24.5.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:cwd-decay-class:simple-result</a>   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/shapes.ttl   |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/invalid.ttl</p> |

#### 3.1.24.5.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:cwd-decay-class:site-visit  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Transects measures protocol are made in the context of a site visit.   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/shapes.ttl   |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/invalid.ttl</p> |

#### 3.1.24.5.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:cwd-decay-class:used-procedure   |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> is the IRI for "Transects measures protocol".   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/invalid.ttl</a> |

### 3.1.24.5.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:cwd-decay-class:value-type">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:cwd-decay-class:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/invalid.ttl</a> |

### 3.1.24.5.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:cwd-decay-class:vocabulary">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:cwd-decay-class:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>b5180d8a-75b6-4bca-9413-0e507e910387\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b5180d8a-75b6-4bca-9413-0e507e910387">https://linked.data.gov.au/def/nrm/b5180d8a-75b6-4bca-9413-0e507e910387</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/b5180d8a-75b6-4bca-9413-0e507e910387">https://linked.data.gov.au/def/nrm/b5180d8a-75b6-4bca-9413-0e507e910387</a> is the IRI for "Coarse Woody Debris decay classes codes".</p>                |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/valid.ttl</a></p> <p>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/cwd-decay-class/invalid.ttl</a></p> |

### 3.1.24.6. Coarse woody debris count cwd count Observation

#### 3.1.24.6.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-count-cwd-count:feature-type</code>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/invalid.ttl</a> |

### 3.1.24.6.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-count-cwd-count:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/invalid.ttl</a> |

### 3.1.24.6.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-count-cwd-count:site-visit</a> |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Transects measures protocol are made in the context of a site visit.                                  |
| Status              | <a href="#">submitted</a>                     |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/shapes.ttl  |
| Examples   | Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/valid.ttl<br><br>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/invalid.ttl |

#### 3.1.24.6.4. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-count-cwd-count:used-procedure   |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> is the IRI for "Transects measures protocol". |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/shapes.ttl  |
| Examples            | Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/valid.ttl<br><br>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/invalid.ttl   |

#### 3.1.24.6.5. Value range

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-count-cwd-count:value-range |
| Label      | Value range   |
| Definition | The result <i>MUST</i> have a non-negative value.   |
| Comment    | Value <i>MUST</i> be non-negative.  |
| Status     | submitted                      |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/shapes.ttl   |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/invalid.ttl</p> |

### 3.1.24.6.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-count-cwd-count:value-type  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Integer</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Integer</code> .   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/shapes.ttl   |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-count-cwd-count/invalid.ttl</p> |

### 3.1.24.7. Coarse woody debris widest diameter Observation

#### 3.1.24.7.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-widest-diameter:feature-type   |
| Label      | Feature type   |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>coarse woody debris</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl   |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</p> |

### 3.1.24.7.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-widest-diameter:simple-result   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl   |
| Examples            | <p>Valid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</p> <p>Invalid: /shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</p> |

### 3.1.24.7.3. Site visit

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-widest-diameter:site-visit |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                       |

| Property            | Value   |
|---------------------|---|
| Comment             | Observations following the Transects measures protocol are made in the context of a site visit.   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</a></p> |

#### 3.1.24.7.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-widest-diameter:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:Centimetre</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:Centimetre</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</a></p> |

#### 3.1.24.7.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-widest-diameter:used-procedure</a> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> is the IRI for "Transects measures protocol".  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</a></p> <p>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</a></p> |

### 3.1.24.7.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-widest-diameter:value-range</code>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value greater than or equal to 10.  |
| Comment             | Value <i>MUST</i> be at least 10.   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</a></p> <p>Invalid: <a href="/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</a></p> |

### 3.1.24.7.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-widest-diameter:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-widest-diameter/invalid.ttl</a></p> |

### 3.1.24.8. Coarse woody debris per hectare Observation

#### 3.1.24.8.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-per-hectare:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">coarse woody debris</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>coarse woody debris</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/invalid.ttl</a></p> |

### 3.1.24.8.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-per-hectare:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/invalid.ttl</a></p> |

### 3.1.24.8.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-per-hectare:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Transects measures protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/invalid.ttl</a></p> |

#### 3.1.24.8.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-per-hectare:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M3-PER-HA</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M3-PER-HA</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/invalid.ttl</a></p> |

#### 3.1.24.8.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-per-hectare:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6">https://linked.data.gov.au/def/nrm/fc74b2cb-f3ab-4101-9e3f-43f016db3db6</a> is the IRI for "Transects measures protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/invalid.ttl</a> |

### 3.1.24.8.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-per-hectare:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/invalid.ttl</a> |

### 3.1.24.8.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:coarse-woody-debris-transects-measures-protocol-shapes:coarse-woody-debris-per-hectare:value-type</a>                  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>                                  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/valid.ttl</a><br>Invalid: <a href="#">/shapes/coarse-woody-debris/coarse-woody-debris-transects-measures-protocol-shapes/coarse-woody-debris-per-hectare/invalid.ttl</a> |

### 3.1.25. Fire Module Conformance Class Requirements

#### 3.1.25.1. In canopy sky Observation

##### 3.1.25.1.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:in-canopy-sky:datatype</a>   |
| Label               | Datatype   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:boolean.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:boolean.  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

##### 3.1.25.1.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:in-canopy-sky:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/in-canopy-sky/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/fire-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

### 3.1.25.1.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:in-canopy-sky:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

### 3.1.25.1.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:in-canopy-sky:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Fire are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/in-canopy-sky/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

### 3.1.25.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:in-canopy-sky:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/in-canopy-sky/shapes.ttl">/shapes/fire-protocol-shapes/in-canopy-sky/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/in-canopy-sky/valid.ttl">/shapes/fire-protocol-shapes/in-canopy-sky/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/in-canopy-sky/invalid.ttl">/shapes/fire-protocol-shapes/in-canopy-sky/invalid.ttl</a>  |

### 3.1.25.1.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:in-canopy-sky:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Boolean</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Boolean</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/in-canopy-sky/shapes.ttl">/shapes/fire-protocol-shapes/in-canopy-sky/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/in-canopy-sky/valid.ttl">/shapes/fire-protocol-shapes/in-canopy-sky/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/in-canopy-sky/invalid.ttl">/shapes/fire-protocol-shapes/in-canopy-sky/invalid.ttl</a> |

### 3.1.25.2. Plant height Observation

### 3.1.25.2.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plant-height:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/plant-height/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/plant-height/invalid.ttl</a> |

### 3.1.25.2.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plant-height:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .    |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/plant-height/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/plant-height/invalid.ttl</a> |

### 3.1.25.2.3. Site visit

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:plant-height:site-visit</a>    |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | Observations following the Fire are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-height/shapes.ttl">/shapes/fire-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-height/valid.ttl">/shapes/fire-protocol-shapes/plant-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-height/invalid.ttl">/shapes/fire-protocol-shapes/plant-height/invalid.ttl</a> |

### 3.1.25.2.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plant-height:unit-of-measure</a>   |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M</a> .   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-height/shapes.ttl">/shapes/fire-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-height/valid.ttl">/shapes/fire-protocol-shapes/plant-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-height/invalid.ttl">/shapes/fire-protocol-shapes/plant-height/invalid.ttl</a> |

### 3.1.25.2.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:plant-height:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status     | <a href="#">submitted</a>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-height/shapes.ttl">/shapes/fire-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-height/valid.ttl">/shapes/fire-protocol-shapes/plant-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-height/invalid.ttl">/shapes/fire-protocol-shapes/plant-height/invalid.ttl</a> |

### 3.1.25.2.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plant-height:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-height/shapes.ttl">/shapes/fire-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-height/valid.ttl">/shapes/fire-protocol-shapes/plant-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-height/invalid.ttl">/shapes/fire-protocol-shapes/plant-height/invalid.ttl</a> |

### 3.1.25.2.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plant-height:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                               |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-height/shapes.ttl">/shapes/fire-protocol-shapes/plant-height/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/fire-protocol-shapes/plant-height/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/plant-height/invalid.ttl</a> |

### 3.1.25.3. Plot burned status Observation

#### 3.1.25.3.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plot-burned-status:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">site</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>site</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                      |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/plot-burned-status/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/plot-burned-status/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/plot-burned-status/invalid.ttl</a> |

#### 3.1.25.3.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plot-burned-status:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Fire plot burned statuses codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Fire plot burned statuses codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br><i>Past Burnt</i><br><br><i>Recently Burnt</i><br><br><i>Unburnt</i>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/fire-protocol-shapes/plot-burned-status/shapes.ttl">/shapes/fire-protocol-shapes/plot-burned-status/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/fire-protocol-shapes/plot-burned-status/valid.ttl">/shapes/fire-protocol-shapes/plot-burned-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/plot-burned-status/invalid.ttl">/shapes/fire-protocol-shapes/plot-burned-status/invalid.ttl</a> |

### 3.1.25.3.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plot-burned-status:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plot-burned-status/shapes.ttl">/shapes/fire-protocol-shapes/plot-burned-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plot-burned-status/valid.ttl">/shapes/fire-protocol-shapes/plot-burned-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/plot-burned-status/invalid.ttl">/shapes/fire-protocol-shapes/plot-burned-status/invalid.ttl</a> |

### 3.1.25.3.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:plot-burned-status:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .    |
| Comment    | Observations following the Fire are made in the context of a site visit.      |
| Status     | <a href="#">submitted</a> <input type="radio"/>                               |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plot-burned-status/shapes.ttl">/shapes/fire-protocol-shapes/plot-burned-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plot-burned-status/valid.ttl">/shapes/fire-protocol-shapes/plot-burned-status/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plot-burned-status/invalid.ttl">/shapes/fire-protocol-shapes/plot-burned-status/invalid.ttl</a> |

### 3.1.25.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plot-burned-status:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/plot-burned-status/shapes.ttl">/shapes/fire-protocol-shapes/plot-burned-status/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plot-burned-status/valid.ttl">/shapes/fire-protocol-shapes/plot-burned-status/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plot-burned-status/invalid.ttl">/shapes/fire-protocol-shapes/plot-burned-status/invalid.ttl</a>  |

### 3.1.25.3.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plot-burned-status:value-type</a>     |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> . |
| Status              | <a href="#">submitted</a> <input type="radio"/>                                   |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="#">/shapes/fire-protocol-shapes/plot-burned-status/shapes.ttl</a>   |
| Examples   | Valid: <a href="#">/shapes/fire-protocol-shapes/plot-burned-status/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/plot-burned-status/invalid.ttl</a> |

### 3.1.25.3.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plot-burned-status:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>5662a7dd-c1da-4659-8290-a1e6e42c879f\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5662a7dd-c1da-4659-8290-a1e6e42c879f">https://linked.data.gov.au/def/nrm/5662a7dd-c1da-4659-8290-a1e6e42c879f</a> .<br><a href="https://linked.data.gov.au/def/nrm/5662a7dd-c1da-4659-8290-a1e6e42c879f">https://linked.data.gov.au/def/nrm/5662a7dd-c1da-4659-8290-a1e6e42c879f</a> is the IRI for "Fire plot burned statuses codes". |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/plot-burned-status/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/plot-burned-status/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/plot-burned-status/invalid.ttl</a>   |

### 3.1.25.4. Regeneration status Observation

#### 3.1.25.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:regeneration-status:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant occurrence</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="#">/shapes/fire-protocol-shapes/regeneration-status/shapes.ttl</a>  |
| Examples   | Valid: <a href="#">/shapes/fire-protocol-shapes/regeneration-status/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/regeneration-status/invalid.ttl</a> |

#### 3.1.25.4.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:fire-protocol-shapes:regeneration-status:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Fire regeneration statuses codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Fire regeneration statuses codes controlled vocabulary.               |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><b>Apical</b><br><b>Basal</b><br><b>Epicormic</b>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/fire-protocol-shapes/regeneration-status/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/fire-protocol-shapes/regeneration-status/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/regeneration-status/invalid.ttl</a> |

#### 3.1.25.4.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:regeneration-status:simple-result</a>   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/regeneration-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/regeneration-status/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/regeneration-status/invalid.ttl</a> |

#### 3.1.25.4.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:regeneration-status:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Fire are made in the context of a site visit.   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/regeneration-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/regeneration-status/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/regeneration-status/invalid.ttl</a> |

#### 3.1.25.4.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:regeneration-status:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status     | submitted ○   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/regeneration-status/shapes.ttl">/shapes/fire-protocol-shapes/regeneration-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/regeneration-status/valid.ttl">/shapes/fire-protocol-shapes/regeneration-status/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/regeneration-status/invalid.ttl">/shapes/fire-protocol-shapes/regeneration-status/invalid.ttl</a> |

### 3.1.25.4.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:regeneration-status:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/regeneration-status/shapes.ttl">/shapes/fire-protocol-shapes/regeneration-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/regeneration-status/valid.ttl">/shapes/fire-protocol-shapes/regeneration-status/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/regeneration-status/invalid.ttl">/shapes/fire-protocol-shapes/regeneration-status/invalid.ttl</a> |

### 3.1.25.4.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:regeneration-status:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">a1b8fc00-5d5f-40f8-a7e1-0b09d4bbba4b\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/a1b8fc00-5d5f-40f8-a7e1-0b09d4bbba4b">https://linked.data.gov.au/def/nrm/a1b8fc00-5d5f-40f8-a7e1-0b09d4bbba4b</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/a1b8fc00-5d5f-40f8-a7e1-0b09d4bbba4b">https://linked.data.gov.au/def/nrm/a1b8fc00-5d5f-40f8-a7e1-0b09d4bbba4b</a> is the IRI for "Fire regeneration statuses codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/fire-protocol-shapes/regeneration-status/shapes.ttl">/shapes/fire-protocol-shapes/regeneration-status/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/fire-protocol-shapes/regeneration-status/valid.ttl">/shapes/fire-protocol-shapes/regeneration-status/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/regeneration-status/invalid.ttl">/shapes/fire-protocol-shapes/regeneration-status/invalid.ttl</a> |

### 3.1.25.5. Plant status Observation

#### 3.1.25.5.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:fire-protocol-shapes:plant-status:feature-type">urn:shapes:fire-protocol-shapes:plant-status:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-status/shapes.ttl">/shapes/fire-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-status/valid.ttl">/shapes/fire-protocol-shapes/plant-status/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-status/invalid.ttl">/shapes/fire-protocol-shapes/plant-status/invalid.ttl</a> |

#### 3.1.25.5.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:fire-protocol-shapes:plant-status:result-value">urn:shapes:fire-protocol-shapes:plant-status:result-value</a>                |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Plant statuses codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Plant statuses codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Alive<br><br>Dead<br><br>Resprouting  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/fire-protocol-shapes/plant-status/shapes.ttl">/shapes/fire-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/fire-protocol-shapes/plant-status/valid.ttl">/shapes/fire-protocol-shapes/plant-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-status/invalid.ttl">/shapes/fire-protocol-shapes/plant-status/invalid.ttl</a> |

### 3.1.25.5.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plant-status:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-status/shapes.ttl">/shapes/fire-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-status/valid.ttl">/shapes/fire-protocol-shapes/plant-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-status/invalid.ttl">/shapes/fire-protocol-shapes/plant-status/invalid.ttl</a> |

### 3.1.25.5.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:plant-status:site-visit</a>    |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> . |
| Comment    | Observations following the Fire are made in the context of a site visit.   |
| Status     | <a href="#">submitted</a> <input type="radio"/>                            |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-status/shapes.ttl">/shapes/fire-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-status/valid.ttl">/shapes/fire-protocol-shapes/plant-status/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-status/invalid.ttl">/shapes/fire-protocol-shapes/plant-status/invalid.ttl</a> |

### 3.1.25.5.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plant-status:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-status/shapes.ttl">/shapes/fire-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-status/valid.ttl">/shapes/fire-protocol-shapes/plant-status/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-status/invalid.ttl">/shapes/fire-protocol-shapes/plant-status/invalid.ttl</a>  |

### 3.1.25.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plant-status:value-type</a>           |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> . |
| Status              | <a href="#">submitted</a> <input type="radio"/>                                   |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="#">/shapes/fire-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples   | Valid: <a href="#">/shapes/fire-protocol-shapes/plant-status/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/plant-status/invalid.ttl</a> |

### 3.1.25.5.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plant-status:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">b7368a37-a4ac-4c84-8a78-1fb9755ad849\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849">https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849">https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849</a> is the IRI for "Plant statuses codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/plant-status/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/plant-status/invalid.ttl</a>  |

### 3.1.25.6. Species intercepted Observation

#### 3.1.25.6.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:species-intercepted:datatype</a>  |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:string. |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:string.           |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/fire-protocol-shapes/species-intercepted/shapes.ttl  |
| Examples   | Valid: /shapes/fire-protocol-shapes/species-intercepted/valid.ttl<br><br>Invalid: /shapes/fire-protocol-shapes/species-intercepted/invalid.ttl |

### 3.1.25.6.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:fire-protocol-shapes:species-intercepted:feature-type  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant occurrence</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/fire-protocol-shapes/species-intercepted/shapes.ttl   |
| Examples            | Valid: /shapes/fire-protocol-shapes/species-intercepted/valid.ttl<br><br>Invalid: /shapes/fire-protocol-shapes/species-intercepted/invalid.ttl                  |

### 3.1.25.6.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:fire-protocol-shapes:species-intercepted:simple-result   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/fire-protocol-shapes/species-intercepted/shapes.ttl   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/fire-protocol-shapes/species-intercepted/valid.ttl">/shapes/fire-protocol-shapes/species-intercepted/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/species-intercepted/invalid.ttl">/shapes/fire-protocol-shapes/species-intercepted/invalid.ttl</a> |

#### 3.1.25.6.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:species-intercepted:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Fire are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/species-intercepted/shapes.ttl">/shapes/fire-protocol-shapes/species-intercepted/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/species-intercepted/valid.ttl">/shapes/fire-protocol-shapes/species-intercepted/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/species-intercepted/invalid.ttl">/shapes/fire-protocol-shapes/species-intercepted/invalid.ttl</a> |

#### 3.1.25.6.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:species-intercepted:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/species-intercepted/shapes.ttl">/shapes/fire-protocol-shapes/species-intercepted/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/fire-protocol-shapes/species-intercepted/valid.ttl">/shapes/fire-protocol-shapes/species-intercepted/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/species-intercepted/invalid.ttl">/shapes/fire-protocol-shapes/species-intercepted/invalid.ttl</a> |

### 3.1.25.6.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:species-intercepted:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/species-intercepted/shapes.ttl">/shapes/fire-protocol-shapes/species-intercepted/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/species-intercepted/valid.ttl">/shapes/fire-protocol-shapes/species-intercepted/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/species-intercepted/invalid.ttl">/shapes/fire-protocol-shapes/species-intercepted/invalid.ttl</a> |

### 3.1.25.7. Maximum trunk char height Observation

#### 3.1.25.7.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:maximum-trunk-char-height:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant community</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/maximum-trunk-char-height/shapes.ttl">/shapes/fire-protocol-shapes/maximum-trunk-char-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/maximum-trunk-char-height/valid.ttl">/shapes/fire-protocol-shapes/maximum-trunk-char-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/maximum-trunk-char-height/invalid.ttl">/shapes/fire-protocol-shapes/maximum-trunk-char-height/invalid.ttl</a> |

### 3.1.25.7.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:maximum-trunk-char-height:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .                              |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/maximum-trunk-char-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/maximum-trunk-char-height/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/maximum-trunk-char-height/invalid.ttl</a> |

### 3.1.25.7.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:maximum-trunk-char-height:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Fire are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/maximum-trunk-char-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/maximum-trunk-char-height/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/maximum-trunk-char-height/invalid.ttl</a> |

### 3.1.25.7.4. Unit of measure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:maximum-trunk-char-height:unit-of-measure</a> |
| Label      | Unit of measure   |
| Definition | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/maximum-trunk-char-height/shapes.ttl">/shapes/fire-protocol-shapes/maximum-trunk-char-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/maximum-trunk-char-height/valid.ttl">/shapes/fire-protocol-shapes/maximum-trunk-char-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/maximum-trunk-char-height/invalid.ttl">/shapes/fire-protocol-shapes/maximum-trunk-char-height/invalid.ttl</a> |

### 3.1.25.7.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:maximum-trunk-char-height:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/maximum-trunk-char-height/shapes.ttl">/shapes/fire-protocol-shapes/maximum-trunk-char-height/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/maximum-trunk-char-height/valid.ttl">/shapes/fire-protocol-shapes/maximum-trunk-char-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/maximum-trunk-char-height/invalid.ttl">/shapes/fire-protocol-shapes/maximum-trunk-char-height/invalid.ttl</a>  |

### 3.1.25.7.6. Value range

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:maximum-trunk-char-height:value-range</a> |
| Label      | Value range   |
| Definition | The result <i>MUST</i> have a positive value.   |
| Comment    | Value <i>MUST</i> be positive.  |
| Status     | <a href="#">submitted</a> <input type="radio"/>                                       |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/maximum-trunk-char-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/maximum-trunk-char-height/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/maximum-trunk-char-height/invalid.ttl</a> |

### 3.1.25.7.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:maximum-trunk-char-height:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/maximum-trunk-char-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/maximum-trunk-char-height/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/maximum-trunk-char-height/invalid.ttl</a> |

### 3.1.25.8. Soil char depth Observation

#### 3.1.25.8.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:soil-char-depth:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | <a href="/shapes/fire-protocol-shapes/soil-char-depth/shapes.ttl">/shapes/fire-protocol-shapes/soil-char-depth/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/fire-protocol-shapes/soil-char-depth/valid.ttl">/shapes/fire-protocol-shapes/soil-char-depth/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/soil-char-depth/invalid.ttl">/shapes/fire-protocol-shapes/soil-char-depth/invalid.ttl</a> |

### 3.1.25.8.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:soil-char-depth:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/soil-char-depth/shapes.ttl">/shapes/fire-protocol-shapes/soil-char-depth/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/soil-char-depth/valid.ttl">/shapes/fire-protocol-shapes/soil-char-depth/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/soil-char-depth/invalid.ttl">/shapes/fire-protocol-shapes/soil-char-depth/invalid.ttl</a> |

### 3.1.25.8.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:soil-char-depth:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Fire are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/soil-char-depth/shapes.ttl">/shapes/fire-protocol-shapes/soil-char-depth/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/soil-char-depth/valid.ttl">/shapes/fire-protocol-shapes/soil-char-depth/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/soil-char-depth/invalid.ttl">/shapes/fire-protocol-shapes/soil-char-depth/invalid.ttl</a> |

#### 3.1.25.8.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:soil-char-depth:unit-of-measure</a>  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <a href="#">unit:MilliM</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:MilliM</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/soil-char-depth/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/soil-char-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/soil-char-depth/invalid.ttl</a> |

#### 3.1.25.8.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:soil-char-depth:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/soil-char-depth/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/soil-char-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/soil-char-depth/invalid.ttl</a>  |

#### 3.1.25.8.6. Value range

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:soil-char-depth:value-range</a> |

| Property            | Value  |
|---------------------|--|
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/soil-char-depth/shapes.ttl">/shapes/fire-protocol-shapes/soil-char-depth/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/soil-char-depth/valid.ttl">/shapes/fire-protocol-shapes/soil-char-depth/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/soil-char-depth/invalid.ttl">/shapes/fire-protocol-shapes/soil-char-depth/invalid.ttl</a> |

### 3.1.25.8.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:soil-char-depth:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/soil-char-depth/shapes.ttl">/shapes/fire-protocol-shapes/soil-char-depth/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/soil-char-depth/valid.ttl">/shapes/fire-protocol-shapes/soil-char-depth/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/soil-char-depth/invalid.ttl">/shapes/fire-protocol-shapes/soil-char-depth/invalid.ttl</a> |

### 3.1.25.9. Substrate type Observation

#### 3.1.25.9.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:substrate-type:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface substrate</a> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.25.9.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:substrate-type:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soil substrate codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soil substrate codes controlled vocabulary. |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Bare<br><br>Black ash<br><br>Coarse Woody Debris<br><br>Crypto<br><br>Gravel<br><br>Lichen on outcrop<br><br>Lichen on rock<br><br>Litter<br><br>Not Collected<br><br>Other<br><br>Outcrop<br><br>Rock<br><br>Unknown<br><br>Water<br><br>White ash |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/fire-protocol-shapes/substrate-type/shapes.ttl">/shapes/fire-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/fire-protocol-shapes/substrate-type/valid.ttl">/shapes/fire-protocol-shapes/substrate-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/substrate-type/invalid.ttl">/shapes/fire-protocol-shapes/substrate-type/invalid.ttl</a>                               |

### 3.1.25.9.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="urn:shapes:fire-protocol-shapes:substrate-type:simple-result">urn:shapes:fire-protocol-shapes:substrate-type:simple-result</a>                |
| Label      | Simple result  |
| Definition | The observation's <code>sosa:hasSimpleResult</code> MUST have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/substrate-type/shapes.ttl">/shapes/fire-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/substrate-type/valid.ttl">/shapes/fire-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/substrate-type/invalid.ttl">/shapes/fire-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.25.9.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:fire-protocol-shapes:substrate-type:site-visit</code>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Fire are made in the context of a site visit.   |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/substrate-type/shapes.ttl">/shapes/fire-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/substrate-type/valid.ttl">/shapes/fire-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/substrate-type/invalid.ttl">/shapes/fire-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.25.9.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:fire-protocol-shapes:substrate-type:used-procedure</code>  |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status     | <code>submitted</code> <input type="radio"/>  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.25.9.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:substrate-type:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/fire-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/fire-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="#">/shapes/fire-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.25.9.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:substrate-type:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b061d7db-a608-4062-96d4-b367d6d9a792\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792">https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792">https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792</a> is the IRI for "Soil substrate codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/fire-protocol-shapes/substrate-type/shapes.ttl">/shapes/fire-protocol-shapes/substrate-type/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/fire-protocol-shapes/substrate-type/valid.ttl">/shapes/fire-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/substrate-type/invalid.ttl">/shapes/fire-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.25.10. Fire substrate type Observation

#### 3.1.25.10.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:fire-protocol-shapes:fire-substrate-type:feature-type">urn:shapes:fire-protocol-shapes:fire-substrate-type:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface substrate</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl</a> |

#### 3.1.25.10.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:fire-protocol-shapes:fire-substrate-type:result-value">urn:shapes:fire-protocol-shapes:fire-substrate-type:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Fire substrate codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Fire substrate codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Bare<br><br>Black ash<br><br>Coarse Woody Debris<br><br>Litter<br><br>White ash   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl</a> |

### 3.1.25.10.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:fire-protocol-shapes:fire-substrate-type:simple-result">urn:shapes:fire-protocol-shapes:fire-substrate-type:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl</a> |

### 3.1.25.10.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:fire-protocol-shapes:fire-substrate-type:site-visit">urn:shapes:fire-protocol-shapes:fire-substrate-type:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |

| Property            | Value  |
|---------------------|--|
| Comment             | Observations following the Fire are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl</a> |

### 3.1.25.10.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:fire-substrate-type:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl</a>  |

### 3.1.25.10.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:fire-substrate-type:value-type</a>          |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .                     |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> . |
| Status     | <a href="#">submitted</a> <input type="radio"/>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl</a> |

### 3.1.25.10.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:fire-substrate-type:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c7a0692c-113c-4593-ae04-5e49aba70fdf\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c7a0692c-113c-4593-ae04-5e49aba70fdf">https://linked.data.gov.au/def/nrm/c7a0692c-113c-4593-ae04-5e49aba70fdf</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c7a0692c-113c-4593-ae04-5e49aba70fdf">https://linked.data.gov.au/def/nrm/c7a0692c-113c-4593-ae04-5e49aba70fdf</a> is the IRI for "Fire substrate codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl">/shapes/fire-protocol-shapes/fire-substrate-type/invalid.ttl</a>  |

### 3.1.25.11. Growth form Observation

#### 3.1.25.11.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:growth-form:feature-type</a>  |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant occurrence</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status     | <a href="#">submitted</a> <input type="radio"/>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/growth-form/shapes.ttl">/shapes/fire-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/growth-form/valid.ttl">/shapes/fire-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/growth-form/invalid.ttl">/shapes/fire-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.25.11.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:growth-form:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Growth form codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Growth form codes controlled vocabulary. |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Aquatic<br><br>Bryophyte<br><br>Chenopod<br><br>Cycad<br><br>Epiphyte<br><br>Fern<br><br>Forb<br><br>Fungus<br><br>Grass-tree<br><br>Heath-shrub<br><br>Hummock grass<br><br>Lichen<br><br>NC<br><br>Other Grass<br><br>Palm<br><br>Rush<br><br>Samphire Shrub<br><br>Seagrass<br><br>Sedge<br><br>Shrub<br><br>Shrub Mallee<br><br>Tree<br><br>Tree Mallee |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/fire-protocol-shapes/growth-form/shapes.ttl">/shapes/fire-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/fire-protocol-shapes/growth-form/valid.ttl">/shapes/fire-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/growth-form/invalid.ttl">/shapes/fire-protocol-shapes/growth-form/invalid.ttl</a> |

#### 3.1.25.11.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:growth-form:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/growth-form/shapes.ttl">/shapes/fire-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/growth-form/valid.ttl">/shapes/fire-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/growth-form/invalid.ttl">/shapes/fire-protocol-shapes/growth-form/invalid.ttl</a> |

#### 3.1.25.11.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:growth-form:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Fire are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/growth-form/shapes.ttl">/shapes/fire-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/growth-form/valid.ttl">/shapes/fire-protocol-shapes/growth-form/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/growth-form/invalid.ttl">/shapes/fire-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.25.11.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:growth-form:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/growth-form/shapes.ttl">/shapes/fire-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/growth-form/valid.ttl">/shapes/fire-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/growth-form/invalid.ttl">/shapes/fire-protocol-shapes/growth-form/invalid.ttl</a>  |

### 3.1.25.11.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:growth-form:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/growth-form/shapes.ttl">/shapes/fire-protocol-shapes/growth-form/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/growth-form/valid.ttl">/shapes/fire-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/growth-form/invalid.ttl">/shapes/fire-protocol-shapes/growth-form/invalid.ttl</a> |

### 3.1.25.11.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:growth-form:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>d0fc07a7-3ec9-45ed-8850-885a32828d3c\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> is the IRI for "Growth form codes". |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/growth-form/shapes.ttl">/shapes/fire-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/growth-form/valid.ttl">/shapes/fire-protocol-shapes/growth-form/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/growth-form/invalid.ttl">/shapes/fire-protocol-shapes/growth-form/invalid.ttl</a>  |

### 3.1.25.12. Field species name Observation

#### 3.1.25.12.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:fire-protocol-shapes:field-species-name:datatype</code>   |
| Label               | Datatype   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype <code>xsd:string</code> .  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be <code>xsd:string</code> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/field-species-name/shapes.ttl">/shapes/fire-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/field-species-name/valid.ttl">/shapes/fire-protocol-shapes/field-species-name/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/field-species-name/invalid.ttl">/shapes/fire-protocol-shapes/field-species-name/invalid.ttl</a> |

#### 3.1.25.12.2. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:fire-protocol-shapes:field-species-name:feature-type</code> |

| Property            | Value  |
|---------------------|--|
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant occurrence</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/field-species-name/shapes.ttl">/shapes/fire-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/field-species-name/valid.ttl">/shapes/fire-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/field-species-name/invalid.ttl">/shapes/fire-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.25.12.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:fire-protocol-shapes:field-species-name:simple-result</code>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/field-species-name/shapes.ttl">/shapes/fire-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/field-species-name/valid.ttl">/shapes/fire-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/field-species-name/invalid.ttl">/shapes/fire-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.25.12.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:fire-protocol-shapes:field-species-name:site-visit</code> |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> . |
| Comment    | Observations following the Fire are made in the context of a site visit.   |
| Status     | <code>submitted</code> ○   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/field-species-name/shapes.ttl">/shapes/fire-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/field-species-name/valid.ttl">/shapes/fire-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/field-species-name/invalid.ttl">/shapes/fire-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.25.12.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:field-species-name:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/field-species-name/shapes.ttl">/shapes/fire-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/field-species-name/valid.ttl">/shapes/fire-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/field-species-name/invalid.ttl">/shapes/fire-protocol-shapes/field-species-name/invalid.ttl</a>  |

### 3.1.25.12.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:field-species-name:value-type</a>      |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Text</code> .                  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Text</code> . |
| Status              | <a href="#">submitted</a> <input type="radio"/>                                    |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/fire-protocol-shapes/field-species-name/shapes.ttl   |
| Examples   | Valid: /shapes/fire-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/fire-protocol-shapes/field-species-name/invalid.ttl |

### 3.1.25.13. Plant regenerating height Observation

#### 3.1.25.13.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:fire-protocol-shapes:plant-regenerating-height:feature-type  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/fire-protocol-shapes/plant-regenerating-height/shapes.ttl   |
| Examples            | Valid: /shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl<br><br>Invalid: /shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl      |

#### 3.1.25.13.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:fire-protocol-shapes:plant-regenerating-height:simple-result   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/fire-protocol-shapes/plant-regenerating-height/shapes.ttl   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl</a> |

#### 3.1.25.13.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:fire-protocol-shapes:plant-regenerating-height:site-visit</code>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Fire are made in the context of a site visit.   |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/shapes.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl</a> |

#### 3.1.25.13.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:fire-protocol-shapes:plant-regenerating-height:unit-of-measure</code>   |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/shapes.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl</a> |

#### 3.1.25.13.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plant-regenerating-height:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/shapes.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl</a>  |

### 3.1.25.13.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:plant-regenerating-height:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/shapes.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl</a><br><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl</a> |

### 3.1.25.13.7. Value type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:plant-regenerating-height:value-type</a> |
| Label      | Value type   |

| Property            | Value  |
|---------------------|--|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/shapes.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl">/shapes/fire-protocol-shapes/plant-regenerating-height/invalid.ttl</a> |

### 3.1.25.14. Tree trunk char height Observation

#### 3.1.25.14.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:tree-trunk-char-height:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl</a> |

#### 3.1.25.14.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:fire-protocol-shapes:tree-trunk-char-height:simple-result</a>  |
| Label      | Simple result   |
| Definition | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> . |
| Comment    | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl</a> |

#### 3.1.25.14.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:fire-protocol-shapes:tree-trunk-char-height:site-visit">urn:shapes:fire-protocol-shapes:tree-trunk-char-height:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Fire are made in the context of a site visit.   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl</a> |

#### 3.1.25.14.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:fire-protocol-shapes:tree-trunk-char-height:unit-of-measure">urn:shapes:fire-protocol-shapes:tree-trunk-char-height:unit-of-measure</a> |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M</code> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl</a>                 |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl</a> |

### 3.1.25.14.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:tree-trunk-char-height:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b">https://linked.data.gov.au/def/nrm/91a54c7c-48ff-402d-a761-ed4fd4ad4a4b</a> is the IRI for "Fire". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl</a>  |

### 3.1.25.14.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:tree-trunk-char-height:value-range</a>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl</a> |

### 3.1.25.14.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:fire-protocol-shapes:tree-trunk-char-height:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/valid.ttl</a><br>Invalid: <a href="/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl">/shapes/fire-protocol-shapes/tree-trunk-char-height/invalid.ttl</a> |

## 3.1.26. Invertebrate Fauna Module

This module has seven sub protocols.

### 3.1.27. Invertebrate Fauna - Malaise Trapping protocol Conformance Class Requirements

#### 3.1.27.1. Weather site precipitation Observation

##### 3.1.27.1.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-precipitation:feature-type</a>                                 |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/shapes.ttl  |
| Examples   | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/invalid.ttl</p> |

### 3.1.27.1.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-precipitation:result-value   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather precipitations codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather precipitations codes controlled vocabulary.   |
| Status                | submitted ○  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li>Drizzle</li> <li>Fog</li> <li>Frost</li> <li>Mist</li> <li>None observed</li> <li>Rain</li> <li>Showers</li> <li>Thunderstorms</li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/shapes.ttl   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/invalid.ttl</a> |

### 3.1.27.1.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-precipitation:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .  |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/invalid.ttl</a> |

### 3.1.27.1.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-precipitation:site-visit</a> |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Malaise trapping protocol are made in the context of a site visit.                        |
| Status              | <a href="#">submitted</a>         |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/shapes.ttl   |
| Examples   | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/invalid.ttl |

### 3.1.27.1.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-precipitation:used-procedure   |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a> is the IRI for "Malaise trapping protocol". |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/shapes.ttl   |
| Examples            | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/invalid.ttl   |

### 3.1.27.1.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-precipitation:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                                     |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .                    |
| Status     | submitted ○  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/invalid.ttl</p> |

### 3.1.27.1.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-precipitation:vocabulary  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>36e4cff5-f238-45e3-85ec-bdd0973f09d7\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a> is the IRI for "Weather precipitations codes".</p> |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-precipitation/invalid.ttl</p>   |

### 3.1.27.2. Weather site cloud cover Observation

#### 3.1.27.2.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-cloud-cover:feature-type |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.27.2.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-cloud-cover:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather cloud covers codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather cloud covers codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Cloudy</a></li> <li><a href="#">Mostly Sunny</a></li> <li><a href="#">Overcast</a></li> <li><a href="#">Partly Cloudy</a></li> <li><a href="#">Sunny</a></li> </ul> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/shapes.ttl  |
| Examples   | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/invalid.ttl</p> |

### 3.1.27.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-cloud-cover:simple-result   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/invalid.ttl</p> |

### 3.1.27.2.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-cloud-cover:site-visit |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                         |
| Comment    | Observations following the Malaise trapping protocol are made in the context of a site visit.      |
| Status     | submitted <input type="radio"/>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.27.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-cloud-cover:used-procedure">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-cloud-cover:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a> is the IRI for "Malaise trapping protocol".</p>  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.27.2.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-cloud-cover:value-type">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-cloud-cover:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.27.2.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-cloud-cover:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b001aab8-d5c2-4268-a750-bed499386691\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a> is the IRI for "Weather cloud covers codes".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p>   |

### 3.1.27.3. Weather site temperature Observation

### 3.1.27.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-temperature:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.27.3.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-temperature:result-value</a>   |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Weather temperatures codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Weather temperatures codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Cold<br><br>Cool<br><br>Hot<br><br>Very Cold<br><br>Very Hot<br><br>Warm  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.27.3.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-temperature:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.27.3.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-temperature:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Malaise trapping protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.27.3.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-temperature:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a> is the IRI for "Malaise trapping protocol".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.27.3.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-temperature:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.27.3.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-temperature:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">cd1530af-09a6-4666-98d5-580c0e65cf10\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> is the IRI for "Weather temperatures codes".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/shapes.ttl  |
| Examples   | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-temperature/invalid.ttl</p> |

### 3.1.27.4. Habitat description Observation

#### 3.1.27.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:habitat-description:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>habitat</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>habitat</i> , defined by the Australian Soil and Land Survey Field Handbook.   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/shapes.ttl   |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/invalid.ttl</p> |

#### 3.1.27.4.2. Result value

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-malaise-trapping:habitat-description:result-value  |
| Label      | Result value   |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Habitat description codes controlled vocabulary or it's text value.   |
| Comment    | If value type is <code>tern:IRI</code> , the value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Habitat description codes controlled vocabulary. |

| Property            | Value                           |
|---------------------|---------------------------------|
| Status              | submitted <input type="radio"/> |
| Conformance Classes | TBA                             |
| Property            | Value                           |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | If value type is <code>tern:IRI</code> , the result value MUST be from the following list:<br><br>Beach<br><br>Billabong or Swamp<br><br>Cave<br><br>Chenopod shrubland<br><br>Closed chenopod shrubland<br><br>Closed fernland<br><br>Closed formland<br><br>Closed forest<br><br>Closed heathland<br><br>Closed hummock grassland<br><br>Closed lichenland<br><br>Closed liverwortland<br><br>Closed mallee forest<br><br>Closed mallee shrubland<br><br>Closed mossland<br><br>Closed rushland<br><br>Closed sedgeland<br><br>Closed shrubland<br><br>Closed sod grassland<br><br>Closed tussock grassland<br><br>Closed vineland<br><br>Coastal Waters<br><br>Crop Land |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/shapes.ttl   |
| Examples   | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/invalid.ttl</p> |

#### 3.1.27.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:habitat-description:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/shapes.ttl   |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/invalid.ttl</p> |

#### 3.1.27.4.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:habitat-description:site-visit                      |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment    | Observations following the Invertebrate fauna - Malaise trapping protocol are made in the context of a site visit. |
| Status     | submitted <input type="radio"/>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.27.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:habitat-description:used-procedure">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:habitat-description:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a> is the IRI for "Malaise trapping protocol".</p>  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.27.4.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:habitat-description:value-type">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:habitat-description:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> or <code>tern:Text</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> or <code>tern:Text</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.27.4.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:habitat-description:vocabulary">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:habitat-description:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a> is the IRI for "Habitat description codes".</p>                              |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.27.5. Weather site wind Observation

### 3.1.27.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-wind:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.27.5.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-wind:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Weather winds codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Weather winds codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Calm<br><br>Fresh winds<br><br>Gale<br><br>Light winds<br><br>Moderate winds<br><br>Near gale<br><br>Storm<br><br>Strong gale<br><br>Strong winds<br><br>Violent storm  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/invalid.ttl</a> |

### 3.1.27.5.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-wind:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/shapes.ttl  |
| Examples   | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/invalid.ttl |

### 3.1.27.5.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-wind:site-visit  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Malaise trapping protocol are made in the context of a site visit.  |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/shapes.ttl  |
| Examples            | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/invalid.ttl |

### 3.1.27.5.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-wind:used-procedure  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d">https://linked.data.gov.au/def/nrm/4a2c4309-da43-4ad4-b1eb-637d2e70580d</a> is the IRI for "Malaise trapping protocol". |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/shapes.ttl   |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/invalid.ttl</p> |

### 3.1.27.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-wind:value-type   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/shapes.ttl   |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/invalid.ttl</p> |

### 3.1.27.5.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:invertebrate-fauna-malaise-trapping-protocol-shapes:weather-site-wind:vocabulary                                   |
| Label      | Vocabulary  |
| Definition | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>0fb03c4e-ad42-445a-a2c5-688d7d7effd8\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> is the IRI for "Weather winds codes".                            |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-malaise-trapping-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.28. Invertebrate Fauna - Active Sampling protocol Conformance Class Requirements

#### 3.1.28.1. Weather site precipitation Observation

##### 3.1.28.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-precipitation:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.28.1.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-precipitation:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Weather precipitations codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Weather precipitations codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Drizzle</a></li> <li><a href="#">Fog</a></li> <li><a href="#">Frost</a></li> <li><a href="#">Mist</a></li> <li><a href="#">None observed</a></li> <li><a href="#">Rain</a></li> <li><a href="#">Showers</a></li> <li><a href="#">Thunderstorms</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p>  |

### 3.1.28.1.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-precipitation:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.28.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-precipitation:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Active search (hand collecting) protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.28.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-precipitation:used-procedure">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-precipitation:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a><br><br><a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a> is the IRI for "Active search (hand collecting) protocol".   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.28.1.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-precipitation:value-type">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-precipitation:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.28.1.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-precipitation:vocabulary">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-precipitation:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>36e4cff5-f238-45e3-85ec-bdd0973f09d7\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a> is the IRI for "Weather precipitations codes".</p>   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.28.2. Weather site cloud cover Observation

#### 3.1.28.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-cloud-cover:feature-type">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-cloud-cover:feature-type</a>                             |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.28.2.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-cloud-cover:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather cloud covers codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather cloud covers codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Cloudy</a><br><br><a href="#">Mostly Sunny</a><br><br><a href="#">Overcast</a><br><br><a href="#">Partly Cloudy</a><br><br><a href="#">Sunny</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.28.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-cloud-cover:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

#### 3.1.28.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-cloud-cover:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Active search (hand collecting) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

#### 3.1.28.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-cloud-cover:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a><br><br><a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a> is the IRI for "Active search (hand collecting) protocol".   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.28.2.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-cloud-cover:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.28.2.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-cloud-cover:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b001aab8-d5c2-4268-a750-bed499386691\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a> is the IRI for "Weather cloud covers codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a>  |

### 3.1.28.3. Weather site temperature Observation

#### 3.1.28.3.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-temperature:feature-type</a>                                    |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/shapes.ttl</a>                      |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.28.3.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-temperature:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather temperatures codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather temperatures codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Cold</a><br><br><a href="#">Cool</a><br><br><a href="#">Hot</a><br><br><a href="#">Very Cold</a><br><br><a href="#">Very Hot</a><br><br><a href="#">Warm</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.28.3.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-temperature:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.28.3.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-temperature:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Active search (hand collecting) protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.28.3.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-temperature:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a> is the IRI for "Active search (hand collecting) protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.28.3.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-temperature:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/valid.ttl</a><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.28.3.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-temperature:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>cd1530af-09a6-4666-98d5-580c0e65cf10\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> is the IRI for "Weather temperatures codes".  |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/valid.ttl</a><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.28.4. Habitat description Observation

#### 3.1.28.4.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:habitat-description:feature-type</a>                              |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>habitat</code> .  |
| Comment    | TERN's ecologists have determined the feature type is <code>habitat</code> , defined by the Australian Soil and Land Survey Field Handbook. |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.28.4.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-active-sampling:habitat-description:result-value">urn:shapes:invertebrate-fauna-active-sampling:habitat-description:result-value</a>                    |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Habitat description codes controlled vocabulary or it's text value.   |
| Comment             | If value type is <code>tern:IRI</code> , the value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Habitat description codes controlled vocabulary. |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | If value type is <code>tern:IRI</code> , the result value MUST be from the following list:<br><br>Beach<br><br>Billabong or Swamp<br><br>Cave<br><br>Chenopod shrubland<br><br>Closed chenopod shrubland<br><br>Closed fernland<br><br>Closed formland<br><br>Closed forest<br><br>Closed heathland<br><br>Closed hummock grassland<br><br>Closed lichenland<br><br>Closed liverwortland<br><br>Closed mallee forest<br><br>Closed mallee shrubland<br><br>Closed mossland<br><br>Closed rushland<br><br>Closed sedgeland<br><br>Closed shrubland<br><br>Closed sod grassland<br><br>Closed tussock grassland<br><br>Closed vineland<br><br>Coastal Waters<br><br>Crop Land |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/invalid.ttl</a></p> |

#### 3.1.28.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:habitat-description:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/invalid.ttl</a></p> |

#### 3.1.28.4.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:habitat-description:site-visit</a>      |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment    | Observations following the Invertebrate fauna - Active sampling protocol are made in the context of a site visit. |
| Status     | <a href="#">submitted</a>      |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.28.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:habitat-description:used-procedure">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:habitat-description:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a> is the IRI for "Active search (hand collecting) protocol".</p>   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.28.4.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:habitat-description:value-type">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:habitat-description:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> or <code>tern:Text</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> or <code>tern:Text</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/valid.ttl</code></p> <p>Invalid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/invalid.ttl</code></p> |

### 3.1.28.4.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:habitat-description:vocabulary</code>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a> is the IRI for "Habitat description codes".</p> |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <code>/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/valid.ttl</code></p> <p>Invalid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/habitat-description/invalid.ttl</code></p>  |

### 3.1.28.5. Weather site wind Observation

### 3.1.28.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-wind:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.28.5.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-wind:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Weather winds codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Weather winds codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Calm<br><br>Fresh winds<br><br>Gale<br><br>Light winds<br><br>Moderate winds<br><br>Near gale<br><br>Storm<br><br>Strong gale<br><br>Strong winds<br><br>Violent storm  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/invalid.ttl</a> |

### 3.1.28.5.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-wind:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/shapes.ttl   |
| Examples   | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/invalid.ttl |

### 3.1.28.5.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-wind:site-visit   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Active search (hand collecting) protocol are made in the context of a site visit.   |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/shapes.ttl   |
| Examples            | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/invalid.ttl |

### 3.1.28.5.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-wind:used-procedure  |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78">https://linked.data.gov.au/def/nrm/e76e99ef-de1d-4387-9b2e-3455b9f9ff78</a> is the IRI for "Active search (hand collecting) protocol". |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/invalid.ttl</p> |

### 3.1.28.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-wind:value-type  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/invalid.ttl</p> |

### 3.1.28.5.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:invertebrate-fauna-active-sampling-protocol-shapes:weather-site-wind:vocabulary                                    |
| Label      | Vocabulary  |
| Definition | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>0fb03c4e-ad42-445a-a2c5-688d7d7effd8\$</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> is the IRI for "Weather winds codes".                 |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-active-sampling-protocol-shapes/weather-site-wind/invalid.ttl</a> |

### 3.1.29. Invertebrate Fauna - Leaf-litter Extraction protocol Conformance Class Requirements

#### 3.1.29.1. Weather site precipitation Observation

##### 3.1.29.1.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-precipitation:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/invalid.ttl</a> |

### 3.1.29.1.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-precipitation:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather precipitations codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather precipitations codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Drizzle</a></li> <li><a href="#">Fog</a></li> <li><a href="#">Frost</a></li> <li><a href="#">Mist</a></li> <li><a href="#">None observed</a></li> <li><a href="#">Rain</a></li> <li><a href="#">Showers</a></li> <li><a href="#">Thunderstorms</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p>  |

### 3.1.29.1.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-precipitation:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/valid.ttl</code></p> <p>Invalid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/invalid.ttl</code></p> |

#### 3.1.29.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-precipitation:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Leaf-litter extraction protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/valid.ttl</code></p> <p>Invalid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/invalid.ttl</code></p> |

#### 3.1.29.1.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-precipitation:used-procedure">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-precipitation:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> is the IRI for "Leaf-litter extraction protocol".   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/invalid.ttl</a> |

### 3.1.29.1.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-precipitation:value-type">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-precipitation:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/invalid.ttl</a> |

### 3.1.29.1.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-precipitation:vocabulary">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-precipitation:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>36e4cff5-f238-45e3-85ec-bdd0973f09d7\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a> is the IRI for "Weather precipitations codes".  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-precipitation/invalid.ttl</a> |

### 3.1.29.2. Litter depth Observation

#### 3.1.29.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:litter-depth:feature-type">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:litter-depth:feature-type</a>                             |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant litter</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant litter</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/invalid.ttl</a> |

### 3.1.29.2.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:litter-depth:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/invalid.ttl</a> |

### 3.1.29.2.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:litter-depth:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Leaf-litter extraction protocol are made in the context of a site visit.           |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/shapes.ttl   |
| Examples   | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/invalid.ttl |

### 3.1.29.2.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:litter-depth:unit-of-measure  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:Centim</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:Centim</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/shapes.ttl   |
| Examples            | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/invalid.ttl |

### 3.1.29.2.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:litter-depth:used-procedure   |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> is the IRI for "Leaf-litter extraction protocol". |
| Status     | submitted ○  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/invalid.ttl</a></p> |

### 3.1.29.2.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:litter-depth:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/invalid.ttl</a></p> |

### 3.1.29.2.7. Value type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:litter-depth:value-type</a> |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                    |
| Status     | submitted <input type="radio"/>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/litter-depth/invalid.ttl</a></p> |

### 3.1.29.3. Area of litter sampled Observation

#### 3.1.29.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:area-of-litter-sampled:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant litter</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant litter</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/invalid.ttl</a></p> |

#### 3.1.29.3.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:area-of-litter-sampled:simple-result</a>                                     |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/valid.ttl</code></p> <p>Invalid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/invalid.ttl</code></p> |

### 3.1.29.3.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:area-of-litter-sampled:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Leaf-litter extraction protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/valid.ttl</code></p> <p>Invalid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/invalid.ttl</code></p> |

### 3.1.29.3.4. Unit of measure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:area-of-litter-sampled:unit-of-measure</code> |
| Label      | Unit of measure  |
| Definition | The result <i>MUST</i> have <code>unit:M2</code> as the value for <code>tern:unit</code> .                               |

| Property            | Value   |
|---------------------|---|
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M2</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/invalid.ttl</a></p> |

### 3.1.29.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:area-of-litter-sampled:used-procedure">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:area-of-litter-sampled:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> is the IRI for "Leaf-litter extraction protocol".</p>  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/invalid.ttl</a></p> |

### 3.1.29.3.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:area-of-litter-sampled:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/invalid.ttl</a></p> |

### 3.1.29.3.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:area-of-litter-sampled:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/area-of-litter-sampled/invalid.ttl</a></p> |

### 3.1.29.4. Soil type Observation

#### 3.1.29.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-type:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/invalid.ttl</a></p> |

#### 3.1.29.4.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-type:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils texture grades codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils texture grades codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Clay loam<br><br>Clay loam sandy<br><br>Clayey sand<br><br>Heavy clay<br><br>Light clay<br><br>Light medium clay<br><br>Loam<br><br>Loamy sand<br><br>Medium clay<br><br>Medium heavy clay<br><br>Not Applicable<br><br>Not Collected<br><br>Sand<br><br>Sandy clay loam<br><br>Sandy loam<br><br>Silty clay loam<br><br>Silty loam |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/shapes.ttl  |
| Examples              | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/invalid.ttl   |

### 3.1.29.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-type:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/invalid.ttl</a></p> |

### 3.1.29.4.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-type:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Leaf-litter extraction protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/invalid.ttl</a></p> |

### 3.1.29.4.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-type:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> is the IRI for "Leaf-litter extraction protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/invalid.ttl</a> |

### 3.1.29.4.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-type:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/invalid.ttl</a> |

### 3.1.29.4.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-type:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">ecdc81a-cbe9-4113-b9e9-422a0e6c751f\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/ecdc81a-cbe9-4113-b9e9-422a0e6c751f">https://linked.data.gov.au/def/nrm/ecdc81a-cbe9-4113-b9e9-422a0e6c751f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/ecdc81a-cbe9-4113-b9e9-422a0e6c751f">https://linked.data.gov.au/def/nrm/ecdc81a-cbe9-4113-b9e9-422a0e6c751f</a> is the IRI for "Soils texture grades codes".          |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-type/invalid.ttl</a> |

### 3.1.29.5. Weather site cloud cover Observation

#### 3.1.29.5.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-cloud-cover:feature-type</a>            |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment    | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the Australian Soil and Land Survey Field Handbook. |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/invalid.ttl</p> |

### 3.1.29.5.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-cloud-cover:result-value   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather cloud covers codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather cloud covers codes controlled vocabulary.   |
| Status                | submitted ○  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li>Cloudy</li> <li>Mostly Sunny</li> <li>Overcast</li> <li>Partly Cloudy</li> <li>Sunny</li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/shapes.ttl   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.29.5.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-cloud-cover:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .  |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.29.5.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-cloud-cover:site-visit</a> |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Leaf-litter extraction protocol are made in the context of a site visit.                      |
| Status              | <a href="#">submitted</a>             |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/shapes.ttl   |
| Examples   | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/invalid.ttl |

### 3.1.29.5.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-cloud-cover:used-procedure   |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> is the IRI for "Leaf-litter extraction protocol". |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/shapes.ttl   |
| Examples            | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/invalid.ttl   |

### 3.1.29.5.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-cloud-cover:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .                        |
| Status     | submitted ○  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/invalid.ttl</p> |

### 3.1.29.5.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-cloud-cover:vocabulary  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>b001aab8-d5c2-4268-a750-bed499386691\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a> is the IRI for "Weather cloud covers codes".</p> |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-cloud-cover/invalid.ttl</p>   |

### 3.1.29.6. Estimate volume of leaf litter extraction Observation

#### 3.1.29.6.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter-extraction:feature-type |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant litter</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant litter</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/invalid.ttl</a></p> |

### 3.1.29.6.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter-extraction:simple-result</code>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/invalid.ttl</a></p> |

### 3.1.29.6.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter-extraction:site-visit   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Leaf-litter extraction protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/invalid.ttl</a></p> |

#### 3.1.29.6.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter-extraction:unit-of-measure  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:L</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:L</code> .   |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/invalid.ttl</a></p> |

#### 3.1.29.6.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter-extraction:used-procedure">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter-extraction:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> is the IRI for "Leaf-litter extraction protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/invalid.ttl</a> |

### 3.1.29.6.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter-extraction:value-range">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter-extraction:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/invalid.ttl</a> |

### 3.1.29.6.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter-extraction:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter-extraction/invalid.ttl</a></p> |

### 3.1.29.7. Estimate volume of leaf litter Observation

#### 3.1.29.7.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant litter</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant litter</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/invalid.ttl</a></p> |

### 3.1.29.7.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/invalid.ttl</a></p> |

### 3.1.29.7.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Leaf-litter extraction protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/invalid.ttl</a></p> |

### 3.1.29.7.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:L</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:L</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/invalid.ttl</a></p> |

### 3.1.29.7.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> is the IRI for "Leaf-litter extraction protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/invalid.ttl</a> |

### 3.1.29.7.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/invalid.ttl</a> |

### 3.1.29.7.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:estimate-volume-of-leaf-litter:value-type</a>                 |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>                                   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/estimate-volume-of-leaf-litter/invalid.ttl</a> |

### 3.1.29.8. Soil surface temperature Observation

#### 3.1.29.8.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-surface-temperature:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/invalid.ttl</a> |

#### 3.1.29.8.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-surface-temperature:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> . |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/shapes.ttl  |
| Examples   | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/invalid.ttl</p> |

### 3.1.29.8.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-surface-temperature:site-visit  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Leaf-litter extraction protocol are made in the context of a site visit.   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/invalid.ttl</p> |

### 3.1.29.8.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-surface-temperature:unit-of-measure |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:DEG_C</code> as the value for <code>tern:unit</code> .                 |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:DEG_C</code> .                           |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/shapes.ttl  |
| Examples   | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/invalid.ttl</p> |

### 3.1.29.8.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-surface-temperature:used-procedure   |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> is the IRI for "Leaf-litter extraction protocol".</p> |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/shapes.ttl   |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/invalid.ttl</p>  |

### 3.1.29.8.6. Value range

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-surface-temperature:value-range |
| Label      | Value range   |
| Definition | The result <i>MUST</i> have a value between -10 and 50 inclusively.                                       |
| Comment    | Value <i>MUST</i> be between -10 and 50 inclusive.  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/invalid.ttl</p> |

### 3.1.29.8.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:soil-surface-temperature:value-type  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Float</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Float</code> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/soil-surface-temperature/invalid.ttl</p> |

### 3.1.29.9. Weather site temperature Observation

#### 3.1.29.9.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-temperature:feature-type |
| Label      | Feature type   |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>climate</code> .                     |

| Property            | Value   |
|---------------------|---|
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.29.9.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-temperature:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Weather temperatures codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Weather temperatures codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Cold</a></li> <li><a href="#">Cool</a></li> <li><a href="#">Hot</a></li> <li><a href="#">Very Cold</a></li> <li><a href="#">Very Hot</a></li> <li><a href="#">Warm</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/shapes.ttl   |
| Examples   | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/invalid.ttl |

### 3.1.29.9.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-temperature:simple-result  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/shapes.ttl   |
| Examples            | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/invalid.ttl |

### 3.1.29.9.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-temperature:site-visit |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                               |
| Comment             | Observations following the Leaf-litter extraction protocol are made in the context of a site visit.      |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/shapes.ttl  |
| Examples   | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/invalid.ttl</p> |

### 3.1.29.9.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-temperature:used-procedure   |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> is the IRI for "Leaf-litter extraction protocol".</p> |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/shapes.ttl   |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/invalid.ttl</p>  |

### 3.1.29.9.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-temperature:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .                        |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/invalid.ttl</p> |

### 3.1.29.9.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-temperature:vocabulary  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>cd1530af-09a6-4666-98d5-580c0e65cf10\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> is the IRI for "Weather temperatures codes".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-temperature/invalid.ttl</p>   |

### 3.1.29.10. Habitat description Observation

#### 3.1.29.10.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction:habitat-description:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">site</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>site</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.29.10.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction:habitat-description:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Habitat description codes controlled vocabulary or it's text value.   |
| Comment             | If value type is <a href="#">tern:IRI</a> , the value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Habitat description codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | If value type is <code>tern:IRI</code> , the result value MUST be from the following list:<br><br>Beach<br><br>Billabong or Swamp<br><br>Cave<br><br>Chenopod shrubland<br><br>Closed chenopod shrubland<br><br>Closed fernland<br><br>Closed formland<br><br>Closed forest<br><br>Closed heathland<br><br>Closed hummock grassland<br><br>Closed lichenland<br><br>Closed liverwortland<br><br>Closed mallee forest<br><br>Closed mallee shrubland<br><br>Closed mossland<br><br>Closed rushland<br><br>Closed sedgeland<br><br>Closed shrubland<br><br>Closed sod grassland<br><br>Closed tussock grassland<br><br>Closed vineland<br><br>Coastal Waters<br><br>Crop Land |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.29.10.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction:habitat-description:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.29.10.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction:habitat-description:site-visit</a>                      |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment    | Observations following the Invertebrate fauna - Leaf-litter extraction protocol are made in the context of a site visit. |
| Status     | <a href="#">submitted</a>             |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.29.10.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-leaf-litter-extraction:habitat-description:used-procedure">urn:shapes:invertebrate-fauna-leaf-litter-extraction:habitat-description:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> is the IRI for "Leaf-litter extraction protocol".</p>  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.29.10.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:invertebrate-fauna-leaf-litter-extraction:habitat-description:value-type">urn:shapes:invertebrate-fauna-leaf-litter-extraction:habitat-description:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> or <code>tern:Text</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> or <code>tern:Text</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/valid.ttl</code></p> <p>Invalid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/invalid.ttl</code></p> |

### 3.1.29.10.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:invertebrate-fauna-leaf-litter-extraction:habitat-description:vocabulary</code>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a> is the IRI for "Habitat description codes".</p> |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/valid.ttl</code></p> <p>Invalid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/habitat-description/invalid.ttl</code></p>  |

### 3.1.29.11. Weather site wind Observation

### 3.1.29.11.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-wind:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.29.11.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-wind:result-value</a>                                   |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Weather winds codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Weather winds codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Calm<br><br>Fresh winds<br><br>Gale<br><br>Light winds<br><br>Moderate winds<br><br>Near gale<br><br>Storm<br><br>Strong gale<br><br>Strong winds<br><br>Violent storm                            |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/shapes.ttl  |
| Examples              | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/invalid.ttl |

### 3.1.29.11.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-wind:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/shapes.ttl  |
| Examples   | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/invalid.ttl |

#### 3.1.29.11.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-wind:site-visit  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Leaf-litter extraction protocol are made in the context of a site visit.  |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/shapes.ttl  |
| Examples            | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/invalid.ttl |

#### 3.1.29.11.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-wind:used-procedure  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284">https://linked.data.gov.au/def/nrm/e9a8e65a-59d3-49f0-831d-094c568c5284</a> is the IRI for "Leaf-litter extraction protocol". |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/shapes.ttl   |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/invalid.ttl</p> |

### 3.1.29.11.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-wind:value-type   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/shapes.ttl   |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/invalid.ttl</p> |

### 3.1.29.11.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:invertebrate-fauna-leaf-litter-extraction-protocol-shapes:weather-site-wind:vocabulary                             |
| Label      | Vocabulary  |
| Definition | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>0fb03c4e-ad42-445a-a2c5-688d7d7effd8\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> is the IRI for "Weather winds codes".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-leaf-litter-extraction-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.30. Invertebrate Fauna - Light trapping (LepiLED) protocol Conformance Class Requirements

#### 3.1.30.1. Weather site precipitation Observation

##### 3.1.30.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-precipitation:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.30.1.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-precipitation:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather precipitations codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather precipitations codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Drizzle</a></li> <li><a href="#">Fog</a></li> <li><a href="#">Frost</a></li> <li><a href="#">Mist</a></li> <li><a href="#">None observed</a></li> <li><a href="#">Rain</a></li> <li><a href="#">Showers</a></li> <li><a href="#">Thunderstorms</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p>  |

### 3.1.30.1.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-precipitation:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

#### 3.1.30.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-precipitation:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Light trapping (LepiLED) protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

#### 3.1.30.1.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-precipitation:used-procedure">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-precipitation:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279">https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279">https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279">https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279</a> is the IRI for "Light trapping (LepiLED) protocol".   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/invalid.ttl</a> |

### 3.1.30.1.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-precipitation:value-type">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-precipitation:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/invalid.ttl</a> |

### 3.1.30.1.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-precipitation:vocabulary">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-precipitation:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>36e4cff5-f238-45e3-85ec-bdd0973f09d7\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a> is the IRI for "Weather precipitations codes".</p>   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.30.2. Weather site cloud cover Observation

#### 3.1.30.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-cloud-cover:feature-type">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-cloud-cover:feature-type</a>                             |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.30.2.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-cloud-cover:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather cloud covers codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather cloud covers codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Cloudy</a><br><br><a href="#">Mostly Sunny</a><br><br><a href="#">Overcast</a><br><br><a href="#">Partly Cloudy</a><br><br><a href="#">Sunny</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.30.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-cloud-cover:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

#### 3.1.30.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-cloud-cover:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Light trapping (LepiLED) protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

#### 3.1.30.2.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-cloud-cover:used-procedure">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-cloud-cover:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279">https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279">https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279">https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279</a> is the IRI for "Light trapping (LepiLED) protocol".   |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.30.2.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-cloud-cover:value-type">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-cloud-cover:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.30.2.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-cloud-cover:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">b001aab8-d5c2-4268-a750-bed499386691\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a> is the IRI for "Weather cloud covers codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a>  |

### 3.1.30.3. Weather site temperature Observation

#### 3.1.30.3.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-temperature:feature-type</a>                             |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/shapes.ttl</a>               |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/valid.ttl</a><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.30.3.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-temperature:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Weather temperatures codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Weather temperatures codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Cold</a><br><br><a href="#">Cool</a><br><br><a href="#">Hot</a><br><br><a href="#">Very Cold</a><br><br><a href="#">Very Hot</a><br><br><a href="#">Warm</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/valid.ttl</a><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.30.3.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-temperature:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.30.3.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-temperature:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Light trapping (LepiLED) protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.30.3.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-temperature:used-procedure">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-temperature:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279">https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279">https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279">https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279</a> is the IRI for "Light trapping (LepiLED) protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.30.3.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-temperature:value-type">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-temperature:value-type</a>                                 |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/valid.ttl</a><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.30.3.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-temperature:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>cd1530af-09a6-4666-98d5-580c0e65cf10\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> is the IRI for "Weather temperatures codes".  |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/valid.ttl</a><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.30.4. Weather site wind Observation

#### 3.1.30.4.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-wind:feature-type</a>                   |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>climate</code> .  |
| Comment    | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the Australian Soil and Land Survey Field Handbook. |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/shapes.ttl   |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/invalid.ttl</p> |

### 3.1.30.4.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-wind:result-value   |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather winds codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather winds codes controlled vocabulary. |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Calm<br><br>Fresh winds<br><br>Gale<br><br>Light winds<br><br>Moderate winds<br><br>Near gale<br><br>Storm<br><br>Strong gale<br><br>Strong winds<br><br>Violent storm  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/invalid.ttl</a> |

### 3.1.30.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-wind:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/shapes.ttl   |
| Examples   | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/invalid.ttl</p> |

#### 3.1.30.4.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-wind:site-visit   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Light trapping (LepiLED) protocol are made in the context of a site visit.   |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/shapes.ttl   |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/invalid.ttl</p> |

#### 3.1.30.4.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-wind:used-procedure  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279">https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279</a> .   |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279">https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279">https://linked.data.gov.au/def/nrm/7d74d213-3fb8-46b4-9970-2544f555e279</a> is the IRI for "Light trapping (LepiLED) protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/shapes.ttl   |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/invalid.ttl</p> |

#### 3.1.30.4.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-wind:value-type   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/shapes.ttl   |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/invalid.ttl</p> |

#### 3.1.30.4.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:invertebrate-fauna-light-trapping-lepiled-protocol-shapes:weather-site-wind:vocabulary                             |
| Label      | Vocabulary  |
| Definition | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>0fb03c4e-ad42-445a-a2c5-688d7d7effd8\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> is the IRI for "Weather winds codes".   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-light-trapping-lepiled-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.31. Invertebrate Fauna - Pan trapping protocol Conformance Class Requirements

#### 3.1.31.1. Plant species in flower Observation

##### 3.1.31.1.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:plant-species-in-flower:datatype">urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:plant-species-in-flower:datatype</a>   |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype <code>xsd:string</code> .   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be <code>xsd:string</code> .   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/invalid.ttl</a></p> |

### 3.1.31.1.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:plant-species-in-flower:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant community</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/invalid.ttl</a></p> |

### 3.1.31.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:plant-species-in-flower:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/invalid.ttl</a></p> |

#### 3.1.31.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:plant-species-in-flower:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Pan trapping protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/invalid.ttl</a></p> |

#### 3.1.31.1.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:plant-species-in-flower:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/666e5aa5-e545-4637-bc52-a296d647b303">https://linked.data.gov.au/def/nrm/666e5aa5-e545-4637-bc52-a296d647b303</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/666e5aa5-e545-4637-bc52-a296d647b303">https://linked.data.gov.au/def/nrm/666e5aa5-e545-4637-bc52-a296d647b303</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/666e5aa5-e545-4637-bc52-a296d647b303">https://linked.data.gov.au/def/nrm/666e5aa5-e545-4637-bc52-a296d647b303</a> is the IRI for "Pan trapping protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/invalid.ttl</a> |

### 3.1.31.1.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:plant-species-in-flower:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/plant-species-in-flower/invalid.ttl</a> |

### 3.1.31.2. Pan trap count estimate Observation

#### 3.1.31.2.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:pan-trap-count-estimate:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value   |
|------------|---|
| Validators | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/invalid.ttl</a></p> |

### 3.1.31.2.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:pan-trap-count-estimate:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/invalid.ttl</a></p> |

### 3.1.31.2.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:pan-trap-count-estimate:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Pan trapping protocol are made in the context of a site visit.                     |
| Status              | submitted                  |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/shapes.ttl  |
| Examples   | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/invalid.ttl |

### 3.1.31.2.4. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:pan-trap-count-estimate:used-procedure  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/666e5aa5-e545-4637-bc52-a296d647b303">https://linked.data.gov.au/def/nrm/666e5aa5-e545-4637-bc52-a296d647b303</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/666e5aa5-e545-4637-bc52-a296d647b303">https://linked.data.gov.au/def/nrm/666e5aa5-e545-4637-bc52-a296d647b303</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/666e5aa5-e545-4637-bc52-a296d647b303">https://linked.data.gov.au/def/nrm/666e5aa5-e545-4637-bc52-a296d647b303</a> is the IRI for "Pan trapping protocol". |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/shapes.ttl  |
| Examples            | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/invalid.ttl   |

### 3.1.31.2.5. Value range

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:pan-trap-count-estimate:value-range |
| Label      | Value range  |
| Definition | The result <i>MUST</i> have a non-negative value.  |
| Comment    | Value <i>MUST</i> be non-negative.   |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/invalid.ttl</a></p> |

### 3.1.31.2.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-pan-trapping-protocol-shapes:pan-trap-count-estimate:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-pan-trapping-protocol-shapes/pan-trap-count-estimate/invalid.ttl</a></p> |

## 3.1.32. Invertebrate Fauna - Post-field guidelines protocol Conformance Class Requirements

### 3.1.32.1. Invertebrate life stage average length Observation

#### 3.1.32.1.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage-average-length:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>animal specimen</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal specimen</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/valid.ttl</code></p> <p>Invalid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/invalid.ttl</code></p> |

### 3.1.32.1.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage-average-length:simple-result</code>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/valid.ttl</code></p> <p>Invalid: <code>/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/invalid.ttl</code></p> |

### 3.1.32.1.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage-average-length:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Post-field guidelines protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/invalid.ttl</a></p> |

#### 3.1.32.1.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage-average-length:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:MilliM</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:MilliM</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/invalid.ttl</a></p> |

#### 3.1.32.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage-average-length:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> is the IRI for "Post-field guidelines protocol".   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/invalid.ttl</a></p> |

### 3.1.32.1.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage-average-length:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/invalid.ttl</a></p> |

### 3.1.32.1.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage-average-length:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage-average-length/invalid.ttl</a></p> |

### 3.1.32.2. Invertebrate group Observation

#### 3.1.32.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-group:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal specimen</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal specimen</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/invalid.ttl</a></p> |

### 3.1.32.2.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-group:result-value</a>   |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Invertebrate post field guideline groups codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Invertebrate post field guideline groups codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Property            | Value  |

| <b>Property</b>       | <b>Value</b>                                      |
|-----------------------|---|
| Controlled list items | The result value MUST be from the following list: |
|                       | AAC   |
|                       | AAM   |
|                       | AAR   |
|                       | AOP   |
|                       | APA   |
|                       | APD   |
|                       | AR  |
|                       | ASC   |
|                       | ASO   |
|                       | ASZ   |
|                       | AU  |
|                       | C   |
|                       | HCO   |
|                       | HDL   |
|                       | HPR   |
|                       | IA  |
|                       | IB  |
|                       | ID  |
|                       | IDI   |
|                       | IE  |
|                       | IEP   |
|                       | IG  |
|                       | IH  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/shapes.ttl  |
| Examples   | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/invalid.ttl</p> |

### 3.1.32.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-group:simple-result   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/invalid.ttl</p> |

### 3.1.32.2.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-group:site-visit   |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                         |
| Comment    | Observations following the Post-field guidelines protocol are made in the context of a site visit. |
| Status     | submitted <input type="radio"/>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/invalid.ttl</a></p> |

### 3.1.32.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-group:used-procedure">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-group:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> is the IRI for "Post-field guidelines protocol".</p>   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/invalid.ttl</a></p> |

### 3.1.32.2.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-group:value-type">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-group:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/invalid.ttl</a></p> |

### 3.1.32.2.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-group:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">5174e669-328b-4df8-879e-95b13738f475\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5174e669-328b-4df8-879e-95b13738f475">https://linked.data.gov.au/def/nrm/5174e669-328b-4df8-879e-95b13738f475</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/5174e669-328b-4df8-879e-95b13738f475">https://linked.data.gov.au/def/nrm/5174e669-328b-4df8-879e-95b13738f475</a> is the IRI for "Invertebrate post field guideline groups codes".</p> |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-group/invalid.ttl</a></p>   |

### 3.1.32.3. Invertebrate life stage Observation

### 3.1.32.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal specimen</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal specimen</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/invalid.ttl</a></p> |

### 3.1.32.3.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Invertebrate post field guideline life stages codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Invertebrate post field guideline life stages codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Adult<br><br>Eggs/ Egg Mass<br><br>Larva<br><br>Metamorph<br><br>Nymph<br><br>Pupa<br><br>Unknown   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/shapes.ttl  |
| Examples              | Valid: /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/invalid.ttl |

### 3.1.32.3.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/shapes.ttl   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/invalid.ttl</a> |

#### 3.1.32.3.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Post-field guidelines protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/invalid.ttl</a> |

#### 3.1.32.3.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> is the IRI for "Post-field guidelines protocol". |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/invalid.ttl</a></p> |

### 3.1.32.3.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/invalid.ttl</a></p> |

### 3.1.32.3.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-life-stage:vocabulary</a>            |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>e8659ef7-fe60-4484-be17-0ed9c1495b97\$</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e8659ef7-fe60-4484-be17-0ed9c1495b97">https://linked.data.gov.au/def/nrm/e8659ef7-fe60-4484-be17-0ed9c1495b97</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e8659ef7-fe60-4484-be17-0ed9c1495b97">https://linked.data.gov.au/def/nrm/e8659ef7-fe60-4484-be17-0ed9c1495b97</a> is the IRI for "Invertebrate post field guideline life stages codes".                                   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-life-stage/invalid.ttl</a> |

### 3.1.32.4. Specimen count Observation

#### 3.1.32.4.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:specimen-count:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal specimen</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal specimen</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/invalid.ttl</a> |

### 3.1.32.4.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:specimen-count:SimpleResult</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/invalid.ttl</a></p> |

### 3.1.32.4.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:specimen-count:SiteVisit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Post-field guidelines protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/invalid.ttl</a></p> |

### 3.1.32.4.4. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:specimen-count:used-procedure">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:specimen-count:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> is the IRI for "Post-field guidelines protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/invalid.ttl</a> |

### 3.1.32.4.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:specimen-count:value-range">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:specimen-count:value-range</a>                               |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/valid.ttl</a><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/invalid.ttl</a> |

### 3.1.32.4.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:specimen-count:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/valid.ttl</a><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/specimen-count/invalid.ttl</a> |

### 3.1.32.5. Invertebrate individual life stage count Observation

#### 3.1.32.5.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-individual-life-stage-count:feature-type</a>                       |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal specimen</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal specimen</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value   |
|------------|---|
| Validators | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/shapes.ttl</a>  |
| Examples   | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/invalid.ttl</a></p> |

### 3.1.32.5.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-individual-life-stage-count:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/invalid.ttl</a></p> |

### 3.1.32.5.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-individual-life-stage-count:site-visit</a> |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Post-field guidelines protocol are made in the context of a site visit.                                     |
| Status              | <a href="#">submitted</a>                           |
| Conformance Classes | TBA  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/shapes.ttl  |
| Examples   | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/invalid.ttl</p> |

### 3.1.32.5.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-individual-life-stage-count:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499">https://linked.data.gov.au/def/nrm/79296cab-a02f-420d-b260-17c0e8691499</a> is the IRI for "Post-field guidelines protocol".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/invalid.ttl</p>   |

### 3.1.32.5.5. Value range

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-individual-life-stage-count:value-range |
| Label      | Value range   |
| Definition | The result <i>MUST</i> have a non-negative value.   |
| Comment    | Value <i>MUST</i> be non-negative.  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/invalid.ttl</a></p> |

### 3.1.32.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-individual-life-stage-count:value-type">urn:shapes:invertebrate-fauna-post-field-guideline-protocol-shapes:invertebrate-individual-life-stage-count:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/valid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-fauna-post-field-guideline-protocol-shapes/invertebrate-individual-life-stage-count/invalid.ttl</a></p> |

## 3.1.33. Invertebrate Fauna - Wet micro-pitfall trapping protocol Conformance Class Requirements

### 3.1.33.1. Litter cover percent Observation

#### 3.1.33.1.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:invertebrate-wet-pitfall-protocol-shapes:litter-cover-percent:feature-type">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:litter-cover-percent:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant litter</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant litter</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/invalid.ttl</a></p> |

### 3.1.33.1.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:invertebrate-wet-pitfall-protocol-shapes:litter-cover-percent:simple-result</code>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/invalid.ttl</a></p> |

### 3.1.33.1.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:litter-cover-percent:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Wet micro-pitfall trapping protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/invalid.ttl</a></p> |

#### 3.1.33.1.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:litter-cover-percent:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:PERCENT</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:PERCENT</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/invalid.ttl</a></p> |

#### 3.1.33.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-wet-pitfall-protocol-shapes:litter-cover-percent:used-procedure">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:litter-cover-percent:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> is the IRI for "Wet micro-pitfall trapping protocol".                                    |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/invalid.ttl</a></p> |

### 3.1.33.1.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-wet-pitfall-protocol-shapes:litter-cover-percent:value-range">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:litter-cover-percent:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/invalid.ttl</a></p> |

### 3.1.33.1.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:litter-cover-percent:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/litter-cover-percent/invalid.ttl</a></p> |

### 3.1.33.2. Plant phenology Observation

#### 3.1.33.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:plant-phenology:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/invalid.ttl</a></p> |

### 3.1.33.2.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:plant-phenology:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Phenology type codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Phenology type codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Breeding present</a></li> <li><a href="#">Developing fruit</a></li> <li><a href="#">Flower buds</a></li> <li><a href="#">Flowering</a></li> <li><a href="#">Mature (fresh) fruit</a></li> <li><a href="#">No breeding evident</a></li> <li><a href="#">Not Collected</a></li> <li><a href="#">Seedlings present</a></li> <li><a href="#">Seeds</a></li> <li><a href="#">Senescent (old) fruit</a></li> <li><a href="#">Senescent flower</a></li> <li><a href="#">Vegetative</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/invalid.ttl</a> |

### 3.1.33.2.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:plant-phenology:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .  |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/invalid.ttl</a> |

### 3.1.33.2.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:plant-phenology:site-visit</a>                 |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .                                  |
| Comment             | Observations following the Wet micro-pitfall trapping protocol are made in the context of a site visit.        |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/invalid.ttl</a> |

### 3.1.33.2.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:plant-phenology:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> is the IRI for "Wet micro-pitfall trapping protocol".         |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/invalid.ttl</a> |

### 3.1.33.2.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:plant-phenology:value-type</a>                |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .                       |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/shapes.ttl  |
| Examples   | <p>Valid: /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/invalid.ttl</p> |

### 3.1.33.2.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:invertebrate-wet-pitfall-protocol-shapes:plant-phenology:vocabulary  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>110398ca-32fa-4f69-b7bb-5aa69d5a5004\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/110398ca-32fa-4f69-b7bb-5aa69d5a5004">https://linked.data.gov.au/def/nrm/110398ca-32fa-4f69-b7bb-5aa69d5a5004</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/110398ca-32fa-4f69-b7bb-5aa69d5a5004">https://linked.data.gov.au/def/nrm/110398ca-32fa-4f69-b7bb-5aa69d5a5004</a> is the IRI for "Phenology type codes".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/shapes.ttl  |
| Examples            | <p>Valid: /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/valid.ttl</p> <p>Invalid: /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/plant-phenology/invalid.ttl</p>   |

### 3.1.33.3. Substrate cover percentage Observation

#### 3.1.33.3.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-cover-percentage:feature-type |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: land surface substrate.     |

| Property            | Value   |
|---------------------|---|
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl</a></p> |

### 3.1.33.3.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-cover-percentage:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl</a></p> |

### 3.1.33.3.3. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-cover-percentage:site-visit</a> |
| Label      | Site visit  |

| Property            | Value   |
|---------------------|---|
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Wet micro-pitfall trapping protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl</a></p> |

#### 3.1.33.3.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-cover-percentage:unit-of-measure</code>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl</a></p> |

#### 3.1.33.3.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-cover-percentage:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value  |
|---------------------|--|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> is the IRI for "Wet micro-pitfall trapping protocol".   |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl</a> |

### 3.1.33.3.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-cover-percentage:value-range</code>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.   |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl</a> |

### 3.1.33.3.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-cover-percentage:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-cover-percentage/invalid.ttl</a></p> |

### 3.1.33.4. Weather site precipitation Observation

#### 3.1.33.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-precipitation:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.33.4.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-precipitation:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Weather precipitations codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Weather precipitations codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Drizzle</a></li> <li><a href="#">Fog</a></li> <li><a href="#">Frost</a></li> <li><a href="#">Mist</a></li> <li><a href="#">None observed</a></li> <li><a href="#">Rain</a></li> <li><a href="#">Showers</a></li> <li><a href="#">Thunderstorms</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p>  |

### 3.1.33.4.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-precipitation:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

#### 3.1.33.4.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-precipitation:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Wet micro-pitfall trapping protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

#### 3.1.33.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-precipitation:used-procedure">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-precipitation:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> is the IRI for "Wet micro-pitfall trapping protocol".  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.33.4.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-precipitation:value-type">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-precipitation:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.33.4.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-precipitation:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">36e4cff5-f238-45e3-85ec-bdd0973f09d7\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a> is the IRI for "Weather precipitations codes".          |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-precipitation/invalid.ttl</a> |

### 3.1.33.5. Estimated percent cover Observation

#### 3.1.33.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:estimated-percent-cover:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/invalid.ttl</a> |

### 3.1.33.5.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:estimated-percent-cover:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .  |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/invalid.ttl</a> |

### 3.1.33.5.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:estimated-percent-cover:site-visit</a>        |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .                                 |
| Comment             | Observations following the Wet micro-pitfall trapping protocol are made in the context of a site visit.       |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/shapes.ttl   |
| Examples   | Valid: /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/invalid.ttl |

### 3.1.33.5.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:invertebrate-wet-pitfall-protocol-shapes:estimated-percent-cover:unit-of-measure  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .  |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/shapes.ttl   |
| Examples            | Valid: /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/invalid.ttl |

### 3.1.33.5.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-wet-pitfall-protocol-shapes:estimated-percent-cover:used-procedure   |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> is the IRI for "Wet micro-pitfall trapping protocol". |
| Status     | submitted   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/invalid.ttl</a></p> |

### 3.1.33.5.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:estimated-percent-cover:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/invalid.ttl</a></p> |

### 3.1.33.5.7. Value type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:estimated-percent-cover:value-type</a> |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .                                  |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .              |
| Status     | submitted <input type="radio"/>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/estimated-percent-cover/invalid.ttl</a></p> |

### 3.1.33.6. Dominant species Observation

#### 3.1.33.6.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:dominant-species:datatype</a>   |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:string.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/invalid.ttl</a></p> |

#### 3.1.33.6.2. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:dominant-species:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant occurrence</a> .  |
| Comment    | TERN's ecologists have determined the feature type is <i>plant occurrence</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/invalid.ttl</a></p> |

### 3.1.33.6.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:dominant-species:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/invalid.ttl</a></p> |

### 3.1.33.6.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:dominant-species:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                      |

| Property            | Value   |
|---------------------|---|
| Comment             | Observations following the Wet micro-pitfall trapping protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/invalid.ttl</a></p> |

### 3.1.33.6.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:dominant-species:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> is the IRI for "Wet micro-pitfall trapping protocol".</p>              |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/invalid.ttl</a></p> |

### 3.1.33.6.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:dominant-species:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/dominant-species/invalid.ttl</a></p> |

### 3.1.33.7. Weather site cloud cover Observation

#### 3.1.33.7.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-cloud-cover:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.33.7.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <code>urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-cloud-cover:result-value</code>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather cloud covers codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather cloud covers codes controlled vocabulary.  |
| Status                | <code>submitted</code>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Cloudy</code></li> <li><code>Mostly Sunny</code></li> <li><code>Overcast</code></li> <li><code>Partly Cloudy</code></li> <li><code>Sunny</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/shapes.ttl</code>  |
| Examples              | <p>Valid: <code>/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/valid.ttl</code></p> <p>Invalid: <code>/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/invalid.ttl</code></p> |

### 3.1.33.7.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-cloud-cover:simple-result</code>   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.33.7.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-cloud-cover:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Wet micro-pitfall trapping protocol are made in the context of a site visit.   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.33.7.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-cloud-cover:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> is the IRI for "Wet micro-pitfall trapping protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.33.7.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-cloud-cover:value-type">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-cloud-cover:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.33.7.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-cloud-cover:vocabulary">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-cloud-cover:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>b001aab8-d5c2-4268-a750-bed499386691\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a> is the IRI for "Weather cloud covers codes".</p>     |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.33.8. Substrate type Observation

#### 3.1.33.8.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-type:feature-type</code>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface substrate</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                     |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/valid.ttl</a><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/invalid.ttl</a> |

### 3.1.33.8.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-type:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soil substrate codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soil substrate codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Bare<br><br>Black ash<br><br>Coarse Woody Debris<br><br>Crypto<br><br>Gravel<br><br>Lichen on outcrop<br><br>Lichen on rock<br><br>Litter<br><br>Not Collected<br><br>Other<br><br>Outcrop<br><br>Rock<br><br>Unknown<br><br>Water<br><br>White ash |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/shapes.ttl  |
| Examples              | Valid: /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/valid.ttl<br><br>Invalid: /shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/invalid.ttl   |

### 3.1.33.8.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-type:simple-result |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/invalid.ttl</a></p> |

#### 3.1.33.8.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-type:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Wet micro-pitfall trapping protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/invalid.ttl</a></p> |

#### 3.1.33.8.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-type:used-procedure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> is the IRI for "Wet micro-pitfall trapping protocol".            |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/invalid.ttl</a></p> |

### 3.1.33.8.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-type:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/invalid.ttl</a></p> |

### 3.1.33.8.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:substrate-type:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>b061d7db-a608-4062-96d4-b367d6d9a792\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792">https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792">https://linked.data.gov.au/def/nrm/b061d7db-a608-4062-96d4-b367d6d9a792</a> is the IRI for "Soil substrate codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/substrate-type/invalid.ttl</a>                                |

### 3.1.33.9. Weather site temperature Observation

#### 3.1.33.9.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-temperature:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.33.9.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-temperature:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Weather temperatures codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Weather temperatures codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Cold</a><br><br><a href="#">Cool</a><br><br><a href="#">Hot</a><br><br><a href="#">Very Cold</a><br><br><a href="#">Very Hot</a><br><br><a href="#">Warm</a>                               |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.33.9.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-temperature:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.33.9.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-temperature:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Wet micro-pitfall trapping protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.33.9.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-temperature:used-procedure">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-temperature:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> is the IRI for "Wet micro-pitfall trapping protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.33.9.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-temperature:value-type">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-temperature:value-type</a>                                 |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/shapes.ttl</a> |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.33.9.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-temperature:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">cd1530af-09a6-4666-98d5-580c0e65cf10\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> is the IRI for "Weather temperatures codes".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-temperature/invalid.ttl</a></p>   |

### 3.1.33.10. Bare cover percent Observation

#### 3.1.33.10.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:bare-cover-percent:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface substrate</a> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl</a></p> |

### 3.1.33.10.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:bare-cover-percent:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl</a></p> |

### 3.1.33.10.3. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:bare-cover-percent:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                        |

| Property            | Value   |
|---------------------|---|
| Comment             | Observations following the Wet micro-pitfall trapping protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl</a></p> |

#### 3.1.33.10.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:bare-cover-percent:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:PERCENT</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:PERCENT</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl</a></p> |

#### 3.1.33.10.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:bare-cover-percent:used-procedure</a> |
| Label      | Used procedure  |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> is the IRI for "Wet micro-pitfall trapping protocol".                            |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl</a></p> |

### 3.1.33.10.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:invertebrate-wet-pitfall-protocol-shapes:bare-cover-percent:value-range</code>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl</a></p> |

### 3.1.33.10.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:bare-cover-percent:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/bare-cover-percent/invalid.ttl</a></p> |

### 3.1.33.11. Weather site wind Observation

#### 3.1.33.11.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-wind:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.33.11.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-wind:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather winds codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather winds codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Calm</a></li> <li><a href="#">Fresh winds</a></li> <li><a href="#">Gale</a></li> <li><a href="#">Light winds</a></li> <li><a href="#">Moderate winds</a></li> <li><a href="#">Near gale</a></li> <li><a href="#">Storm</a></li> <li><a href="#">Strong gale</a></li> <li><a href="#">Strong winds</a></li> <li><a href="#">Violent storm</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/invalid.ttl</a></p>  |

### 3.1.33.11.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-wind:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.33.11.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-wind:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Wet micro-pitfall trapping protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.33.11.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-wind:used-procedure">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-wind:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0">https://linked.data.gov.au/def/nrm/7e4bfab2-4056-4309-bd22-f070f6952bc0</a> is the IRI for "Wet micro-pitfall trapping protocol".                 |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/valid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/valid.ttl</a><br><br>Invalid: <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/invalid.ttl</a> |

### 3.1.33.11.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-wind:value-type">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-wind:value-type</a>                                 |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/valid.ttl</a><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/invalid.ttl</a> |

### 3.1.33.11.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:invertebrate-wet-pitfall-protocol-shapes:weather-site-wind:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">0fb03c4e-ad42-445a-a2c5-688d7d7effd8\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> is the IRI for "Weather winds codes". |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/valid.ttl</a><br>Invalid: <a href="#">/shapes/invertebrate-fauna/invertebrate-wet-pitfall-protocol-shapes/weather-site-wind/invalid.ttl</a>   |

## 3.1.34. Recruitment Module

This module has two sub modules - Age class protocol and Survivorship protocol.

## 3.1.35. Recruitment - Age Class protocol Conformance Class Requirements

### 3.1.35.1. Adequate recruitment Observation

#### 3.1.35.1.1. Datatype

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:adequate-recruitment:datatype</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:boolean.  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:boolean.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/valid.ttl</code></p> <p>Invalid: <code>/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/invalid.ttl</code></p> |

### 3.1.35.1.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:recruitment-age-class-protocol-shapes:adequate-recruitment:feature-type</code>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant population</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/valid.ttl</code></p> <p>Invalid: <code>/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/invalid.ttl</code></p> |

### 3.1.35.1.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:recruitment-age-class-protocol-shapes:adequate-recruitment:simple-result</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/invalid.ttl</a></p> |

#### 3.1.35.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:recruitment-age-class-protocol-shapes:adequate-recruitment:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Recruitment module - Age class protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/invalid.ttl</a></p> |

#### 3.1.35.1.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:recruitment-age-class-protocol-shapes:adequate-recruitment:used-procedure">urn:shapes:recruitment-age-class-protocol-shapes:adequate-recruitment:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> is the IRI for "Recruitment module - Age class protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/invalid.ttl</a>                 |

### 3.1.35.1.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:recruitment-age-class-protocol-shapes:adequate-recruitment:value-type">urn:shapes:recruitment-age-class-protocol-shapes:adequate-recruitment:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Boolean</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Boolean</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/adequate-recruitment/invalid.ttl</a> |

### 3.1.35.2. Diameter at breast height dbh Observation

#### 3.1.35.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:diameter-at-breast-height-dbh:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

#### 3.1.35.2.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:diameter-at-breast-height-dbh:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.35.2.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:diameter-at-breast-height-dbh:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Recruitment module - Age class protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.35.2.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:diameter-at-breast-height-dbh:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:Centimetre</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:Centimetre</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.35.2.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:diameter-at-breast-height-dbh:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> is the IRI for "Recruitment module - Age class protocol".                     |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a> |

### 3.1.35.2.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:diameter-at-breast-height-dbh:value-range</a>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a> |

### 3.1.35.2.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:diameter-at-breast-height-dbh:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a> |

### 3.1.35.3. Growth stage Observation

#### 3.1.35.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:growth-stage:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/invalid.ttl</a></p> |

### 3.1.35.3.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:growth-stage:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Growth stages codes controlled vocabulary.   |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Growth stages codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | <a href="#">TBA</a>  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Dead</a></li> <li><a href="#">Mature</a></li> <li><a href="#">Recruiting</a></li> <li><a href="#">Resprouting</a></li> <li><a href="#">Senescent</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/invalid.ttl</a></p>  |

### 3.1.35.3.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:growth-stage:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/invalid.ttl</a></p> |

### 3.1.35.3.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:growth-stage:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Recruitment module - Age class protocol are made in the context of a site visit.   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/invalid.ttl</a></p> |

### 3.1.35.3.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:recruitment-age-class-protocol-shapes:growth-stage:used-procedure">urn:shapes:recruitment-age-class-protocol-shapes:growth-stage:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> is the IRI for "Recruitment module - Age class protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/invalid.ttl</a>   |

### 3.1.35.3.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:recruitment-age-class-protocol-shapes:growth-stage:value-type">urn:shapes:recruitment-age-class-protocol-shapes:growth-stage:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.35.3.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:growth-stage:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>096e018a-fb8f-4ba1-9fdc-302164e57682\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> is the IRI for "Growth stages codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/growth-stage/invalid.ttl</a>   |

### 3.1.35.4. Plant height Observation

#### 3.1.35.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-height:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/invalid.ttl</a> |

#### 3.1.35.4.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-height:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/invalid.ttl</a> |

#### 3.1.35.4.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-height:site-visit</a>                      |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Recruitment module - Age class protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/shapes.ttl</a>             |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/invalid.ttl</a> |

#### 3.1.35.4.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-height:unit-of-measure</a>  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <b>unit:M</b> as the value for <b>tern:unit</b> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <b>unit:M</b> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/invalid.ttl</a> |

#### 3.1.35.4.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-height:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> is the IRI for "Recruitment module - Age class protocol". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.35.4.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-height:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.35.4.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-height:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-height/invalid.ttl</a> |

### 3.1.35.5. Sapling count Observation

#### 3.1.35.5.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:sapling-count:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/invalid.ttl</a> |

#### 3.1.35.5.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:sapling-count:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> . |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/invalid.ttl</a></p> |

### 3.1.35.5.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:recruitment-age-class-protocol-shapes:sapling-count:site-visit">urn:shapes:recruitment-age-class-protocol-shapes:sapling-count:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Recruitment module - Age class protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/invalid.ttl</a></p> |

### 3.1.35.5.4. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="urn:shapes:recruitment-age-class-protocol-shapes:sapling-count:used-procedure">urn:shapes:recruitment-age-class-protocol-shapes:sapling-count:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> is the IRI for "Recruitment module - Age class protocol".</p> |
| Status     | <a href="#">submitted</a>   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/invalid.ttl</a></p> |

### 3.1.35.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:sapling-count:value-range</a>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a non-negative value.   |
| Comment             | Value <i>MUST</i> be non-negative.  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/invalid.ttl</a></p> |

### 3.1.35.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:sapling-count:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .                     |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> . |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/shapes.ttl</a>   |
| Examples   | Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/sapling-count/invalid.ttl</a> |

### 3.1.35.6. Plant status Observation

#### 3.1.35.6.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-status:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/invalid.ttl</a> |

#### 3.1.35.6.2. Result value

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-status:result-value</a>   |
| Label      | Result value   |
| Definition | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Plant statuses codes controlled vocabulary.  |
| Comment    | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Plant statuses codes controlled vocabulary. |
| Status     | <a href="#">submitted</a>   |

| Property              | Value  |
|-----------------------|--|
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br>Alive<br><br>Dead<br><br>Resprouting  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/invalid.ttl</a> |

### 3.1.35.6.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-status:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/invalid.ttl</a> |

### 3.1.35.6.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-status:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Recruitment module - Age class protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/invalid.ttl</a></p> |

### 3.1.35.6.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-status:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> is the IRI for "Recruitment module - Age class protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/invalid.ttl</a></p>  |

### 3.1.35.6.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-status:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/invalid.ttl</a></p> |

### 3.1.35.6.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:plant-status:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b7368a37-a4ac-4c84-8a78-1fb9755ad849\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849">https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849">https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849</a> is the IRI for "Plant statuses codes".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/plant-status/invalid.ttl</a></p>   |

### 3.1.35.7. Life stage Observation

#### 3.1.35.7.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:life-stage:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/invalid.ttl</a></p> |

#### 3.1.35.7.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:life-stage:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Life stages codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Life stages codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>                                        |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><i>Budding</i><br><i>Flowering</i><br><i>Immature Fruit</i><br><i>Mature Fruit</i><br><i>Recently Shed</i><br><i>Sapling</i><br><i>Seedling</i><br><i>Vegetative</i>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/valid.ttl</a><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.35.7.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:recruitment-age-class-protocol-shapes:life-stage:simple-result">urn:shapes:recruitment-age-class-protocol-shapes:life-stage:simple-result</a>             |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .                 |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.35.7.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:life-stage:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Recruitment module - Age class protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.35.7.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:life-stage:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> is the IRI for "Recruitment module - Age class protocol". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/shapes.ttl  |
| Examples   | Valid: /shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/valid.ttl<br><br>Invalid: /shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/invalid.ttl |

### 3.1.35.7.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:recruitment-age-class-protocol-shapes:life-stage:value-type   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/shapes.ttl  |
| Examples            | Valid: /shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/valid.ttl<br><br>Invalid: /shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/invalid.ttl |

### 3.1.35.7.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:recruitment-age-class-protocol-shapes:life-stage:vocabulary  |
| Label      | Vocabulary  |
| Definition | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>5f82c583-167b-4ed2-b25e-4d67decb3f2d\$</code> .   |
| Comment    | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d">https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d">https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d</a> is the IRI for "Life stages codes". |
| Status     | submitted ○   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/shapes.ttl  |
| Examples            | Valid: /shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/valid.ttl<br><br>Invalid: /shapes/recruitment/recruitment-age-class-protocol-shapes/life-stage/invalid.ttl |

### 3.1.35.8. Seedling count Observation

#### 3.1.35.8.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:recruitment-age-class-protocol-shapes:seedling-count:feature-type   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant population</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/shapes.ttl  |
| Examples            | Valid: /shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/valid.ttl<br><br>Invalid: /shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/invalid.ttl |

#### 3.1.35.8.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:recruitment-age-class-protocol-shapes:seedling-count:simple-result   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/invalid.ttl</a></p> |

### 3.1.35.8.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:seedling-count:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Recruitment module - Age class protocol are made in the context of a site visit.   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/invalid.ttl</a></p> |

### 3.1.35.8.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:seedling-count:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> is the IRI for "Recruitment module - Age class protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/invalid.ttl</a>   |

### 3.1.35.8.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:recruitment-age-class-protocol-shapes:seedling-count:value-range">urn:shapes:recruitment-age-class-protocol-shapes:seedling-count:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be non-negative.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/invalid.ttl</a> |

### 3.1.35.8.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:recruitment-age-class-protocol-shapes:seedling-count:value-type">urn:shapes:recruitment-age-class-protocol-shapes:seedling-count:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Integer</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Integer</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/seedling-count/invalid.ttl</a></p> |

### 3.1.35.9. Field species name Observation

#### 3.1.35.9.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:recruitment-age-class-protocol-shapes:field-species-name:datatype</code>   |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype <code>xsd:string</code> .   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be <code>xsd:string</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/invalid.ttl</a></p> |

#### 3.1.35.9.2. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:recruitment-age-class-protocol-shapes:field-species-name:feature-type</code> |
| Label      | Feature type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/valid.ttl</code></p> <p>Invalid: <code>/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/invalid.ttl</code></p> |

#### 3.1.35.9.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:recruitment-age-class-protocol-shapes:field-species-name:simple-result</code>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/valid.ttl</code></p> <p>Invalid: <code>/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/invalid.ttl</code></p> |

#### 3.1.35.9.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:recruitment-age-class-protocol-shapes:field-species-name:site-visit</code> |
| Label      | Site visit  |

| Property            | Value   |
|---------------------|---|
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Recruitment module - Age class protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.35.9.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:field-species-name:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> is the IRI for "Recruitment module - Age class protocol".</p> |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/invalid.ttl</a></p>                        |

### 3.1.35.9.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:field-species-name:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.35.10. Juvenile count Observation

#### 3.1.35.10.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:juvenile-count:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/invalid.ttl</a></p> |

### 3.1.35.10.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:juvenile-count:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/invalid.ttl</a></p> |

### 3.1.35.10.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:juvenile-count:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Recruitment module - Age class protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/invalid.ttl</a></p> |

### 3.1.35.10.4. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:recruitment-age-class-protocol-shapes:juvenile-count:used-procedure">urn:shapes:recruitment-age-class-protocol-shapes:juvenile-count:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f">https://linked.data.gov.au/def/nrm/c93922b2-3b0e-4ee1-b1ef-c9719d039f5f</a> is the IRI for "Recruitment module - Age class protocol".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/invalid.ttl</a></p>  |

### 3.1.35.10.5. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:recruitment-age-class-protocol-shapes:juvenile-count:value-range">urn:shapes:recruitment-age-class-protocol-shapes:juvenile-count:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a non-negative value.   |
| Comment             | Value <i>MUST</i> be non-negative.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/invalid.ttl</a></p> |

### 3.1.35.10.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-age-class-protocol-shapes:juvenile-count:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/shapes.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/valid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/invalid.ttl">/shapes/recruitment/recruitment-age-class-protocol-shapes/juvenile-count/invalid.ttl</a></p> |

## 3.1.36. Recruitment - Survivorship protocol Conformance Class Requirements

### 3.1.36.1. Diameter at breast height dbh Observation

#### 3.1.36.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:diameter-at-breast-height-dbh:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a> |

### 3.1.36.1.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:diameter-at-breast-height-dbh:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a> |

### 3.1.36.1.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:diameter-at-breast-height-dbh:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Recruitment module -Survivorship protocol are made in the context of a site visit. |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl  |
| Examples   | Valid: /shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl<br><br>Invalid: /shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl |

### 3.1.36.1.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:recruitment-survivorship-protocol-shapes:diameter-at-breast-height-dbh:unit-of-measure  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:Centim</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:Centim</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl  |
| Examples            | Valid: /shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl<br><br>Invalid: /shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl |

### 3.1.36.1.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:recruitment-survivorship-protocol-shapes:diameter-at-breast-height-dbh:used-procedure   |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> is the IRI for "Recruitment module -Survivorship protocol". |
| Status     | submitted ○  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.36.1.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:diameter-at-breast-height-dbh:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.36.1.7. Value type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:diameter-at-breast-height-dbh:value-type</a> |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                    |
| Status     | submitted <input type="radio"/>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.36.2. Average canopy width Observation

#### 3.1.36.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:recruitment-survivorship-protocol-shapes:average-canopy-width:feature-type">urn:shapes:recruitment-survivorship-protocol-shapes:average-canopy-width:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/invalid.ttl</a></p> |

#### 3.1.36.2.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:recruitment-survivorship-protocol-shapes:average-canopy-width:simple-result">urn:shapes:recruitment-survivorship-protocol-shapes:average-canopy-width:simple-result</a> |
| Label      | Simple result   |
| Definition | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .                         |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/invalid.ttl</a></p> |

### 3.1.36.2.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:recruitment-survivorship-protocol-shapes:average-canopy-width:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Recruitment module -Survivorship protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/invalid.ttl</a></p> |

### 3.1.36.2.4. Unit of measure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:recruitment-survivorship-protocol-shapes:average-canopy-width:unit-of-measure</code> |
| Label      | Unit of measure   |
| Definition | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> .             |

| Property            | Value   |
|---------------------|---|
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/invalid.ttl</a></p> |

### 3.1.36.2.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:average-canopy-width:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> is the IRI for "Recruitment module -Survivorship protocol".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/invalid.ttl</a></p>          |

### 3.1.36.2.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:average-canopy-width:value-range</a>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/invalid.ttl</a></p> |

### 3.1.36.2.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:average-canopy-width:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/average-canopy-width/invalid.ttl</a></p> |

### 3.1.36.3. Plant height Observation

#### 3.1.36.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-height:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.36.3.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-height:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.36.3.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-height:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Recruitment module -Survivorship protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/invalid.ttl</a></p> |

#### 3.1.36.3.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-height:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/invalid.ttl</a></p> |

#### 3.1.36.3.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-height:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> is the IRI for "Recruitment module -Survivorship protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/invalid.ttl</a></p>                                    |

### 3.1.36.3.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-height:value-range</a>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.36.3.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-height:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.36.4. Plant status Observation

#### 3.1.36.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-status:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/invalid.ttl</a></p> |

### 3.1.36.4.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-status:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Plant statuses codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Plant statuses codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Alive</a></li> <li><a href="#">Dead</a></li> <li><a href="#">Resprouting</a></li> </ul>                              |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/invalid.ttl</a></p> |

### 3.1.36.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-status:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/invalid.ttl</a></p> |

#### 3.1.36.4.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:recruitment-survivorship-protocol-shapes:plant-status:site-visit">urn:shapes:recruitment-survivorship-protocol-shapes:plant-status:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Recruitment module -Survivorship protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/invalid.ttl</a></p> |

#### 3.1.36.4.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="urn:shapes:recruitment-survivorship-protocol-shapes:plant-status:used-procedure">urn:shapes:recruitment-survivorship-protocol-shapes:plant-status:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> is the IRI for "Recruitment module -Survivorship protocol".</p> |
| Status     | <a href="#">submitted</a>   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/invalid.ttl</a></p> |

#### 3.1.36.4.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-status:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/invalid.ttl</a></p> |

#### 3.1.36.4.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-status:vocabulary</a>   |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b7368a37-a4ac-4c84-8a78-1fb9755ad849\$</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849">https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849">https://linked.data.gov.au/def/nrm/b7368a37-a4ac-4c84-8a78-1fb9755ad849</a> is the IRI for "Plant statuses codes". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-status/invalid.ttl</a>  |

### 3.1.36.5. Vegetation health Observation

#### 3.1.36.5.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:recruitment-survivorship-protocol-shapes:vegetation-health:feature-type">urn:shapes:recruitment-survivorship-protocol-shapes:vegetation-health:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/invalid.ttl</a> |

### 3.1.36.5.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <code>urn:shapes:recruitment-survivorship-protocol-shapes:vegetation-health:result-value</code>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Vegetation healths codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Vegetation healths codes controlled vocabulary.   |
| Status                | <code>submitted</code>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Canopy health</code></li> <li><code>Dieback from disease</code></li> <li><code>Epicormic growth</code></li> <li><code>Galls and lerps</code></li> <li><code>Grazing</code></li> <li><code>Insect damage</code></li> <li><code>Mistletoe</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <code>/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/shapes.ttl</code>   |
| Examples              | <p>Valid: <code>/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/valid.ttl</code></p> <p>Invalid: <code>/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/invalid.ttl</code></p>  |

### 3.1.36.5.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:recruitment-survivorship-protocol-shapes:vegetation-health:simple-result</code> |
| Label      | Simple result  |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

#### 3.1.36.5.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:recruitment-survivorship-protocol-shapes:vegetation-health:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Recruitment module -Survivorship protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

#### 3.1.36.5.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:recruitment-survivorship-protocol-shapes:vegetation-health:used-procedure</code> |

| Property            | Value  |
|---------------------|--|
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> is the IRI for "Recruitment module -Survivorship protocol". |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/invalid.ttl</a></p>                |

### 3.1.36.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:recruitment-survivorship-protocol-shapes:vegetation-health:value-type</code>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.36.5.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:vegetation-health:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">785f818c-0c8c-480b-b8e5-43ea9fda70f0\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> is the IRI for "Vegetation healths codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/vegetation-health/invalid.ttl</a>  |

### 3.1.36.6. Plant missing status Observation

#### 3.1.36.6.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-missing-status:datatype</a>            |
| Label               | Datatype   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:boolean.                            |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:boolean.                                      |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/invalid.ttl</a> |

### 3.1.36.6.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-missing-status:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/invalid.ttl</a> |

### 3.1.36.6.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:plant-missing-status:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/invalid.ttl</a></p> |

### 3.1.36.6.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:recruitment-survivorship-protocol-shapes:plant-missing-status:site-visit">urn:shapes:recruitment-survivorship-protocol-shapes:plant-missing-status:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Recruitment module -Survivorship protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/invalid.ttl</a></p> |

### 3.1.36.6.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="urn:shapes:recruitment-survivorship-protocol-shapes:plant-missing-status:used-procedure">urn:shapes:recruitment-survivorship-protocol-shapes:plant-missing-status:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> is the IRI for "Recruitment module -Survivorship protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/invalid.ttl</a></p> |

### 3.1.36.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:recruitment-survivorship-protocol-shapes:plant-missing-status:value-type">urn:shapes:recruitment-survivorship-protocol-shapes:plant-missing-status:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Boolean</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Boolean</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/plant-missing-status/invalid.ttl</a></p> |

### 3.1.36.7. Life stage Observation

#### 3.1.36.7.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:recruitment-survivorship-protocol-shapes:life-stage:feature-type">urn:shapes:recruitment-survivorship-protocol-shapes:life-stage:feature-type</a> |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |

| Property            | Value   |
|---------------------|---|
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/invalid.ttl</a></p> |

### 3.1.36.7.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:life-stage:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Life stages codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Life stages codes controlled vocabulary. |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><i>Budding</i><br><i>Flowering</i><br><i>Immature Fruit</i><br><i>Mature Fruit</i><br><i>Recently Shed</i><br><i>Sapling</i><br><i>Seedling</i><br><i>Vegetative</i>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/valid.ttl</a><br>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.36.7.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:recruitment-survivorship-protocol-shapes:life-stage:simple-result">urn:shapes:recruitment-survivorship-protocol-shapes:life-stage:simple-result</a>             |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .                       |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/invalid.ttl</a> |

#### 3.1.36.7.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:life-stage:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Recruitment module -Survivorship protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/invalid.ttl</a> |

#### 3.1.36.7.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:life-stage:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> is the IRI for "Recruitment module -Survivorship protocol". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/shapes.ttl   |
| Examples   | Valid: /shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/valid.ttl<br><br>Invalid: /shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/invalid.ttl |

### 3.1.36.7.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:recruitment-survivorship-protocol-shapes:life-stage:value-type  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/shapes.ttl   |
| Examples            | Valid: /shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/valid.ttl<br><br>Invalid: /shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/invalid.ttl |

### 3.1.36.7.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:recruitment-survivorship-protocol-shapes:life-stage:vocabulary   |
| Label      | Vocabulary  |
| Definition | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>5f82c583-167b-4ed2-b25e-4d67decb3f2d\$</code> .   |
| Comment    | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d">https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d">https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d</a> is the IRI for "Life stages codes". |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/life-stage/invalid.ttl</a></p> |

### 3.1.36.8. Field species name Observation

#### 3.1.36.8.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:field-species-name:datatype</a>   |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/invalid.ttl</a></p> |

#### 3.1.36.8.2. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:field-species-name:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant individual</a> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/shapes.ttl  |
| Examples            | <p>Valid: /shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/invalid.ttl</p> |

### 3.1.36.8.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:recruitment-survivorship-protocol-shapes:field-species-name:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/shapes.ttl  |
| Examples            | <p>Valid: /shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/invalid.ttl</p> |

### 3.1.36.8.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:recruitment-survivorship-protocol-shapes:field-species-name:site-visit |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .        |

| Property            | Value  |
|---------------------|--|
| Comment             | Observations following the Recruitment module -Survivorship protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/invalid.ttl</a> |

### 3.1.36.8.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:field-species-name:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> .<br><a href="https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc">https://linked.data.gov.au/def/nrm/f470e27d-20ed-46dc-b64a-d67b39a9dfffc</a> is the IRI for "Recruitment module -Survivorship protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/shapes.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/valid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/invalid.ttl">/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/invalid.ttl</a>                   |

### 3.1.36.8.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:recruitment-survivorship-protocol-shapes:field-species-name:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/recruitment/recruitment-survivorship-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.37. Soil Module

This module has 6 sub modules, and 4 of them have observable properties.

## 3.1.38. Soil - Plot soil description protocol Conformance Class Requirements

### 3.1.38.1. Gully depth Observation

#### 3.1.38.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:gully-depth:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface disturbance</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/invalid.ttl</a> |

### 3.1.38.1.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:gully-depth:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils gully depths codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils gully depths codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">1.5-3.0m</a><br><br><a href="#">&lt;1.5m</a><br><br><a href="#">&gt;3.0m</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/invalid.ttl</a> |

### 3.1.38.1.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:gully-depth:simple-result</a>   |
| Label      | Simple result   |
| Definition | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/invalid.ttl</a></p> |

### 3.1.38.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:gully-depth:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/invalid.ttl</a></p> |

### 3.1.38.1.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:gully-depth:used-procedure</code>  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/invalid.ttl</a>  |

### 3.1.38.1.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:gully-depth:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/invalid.ttl</a> |

### 3.1.38.1.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:gully-depth:vocabulary</a> |
| Label      | Vocabulary   |

| Property            | Value   |
|---------------------|---|
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>7f0eb236-c8e8-4473-8f11-214487ba1d8a\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7f0eb236-c8e8-4473-8f11-214487ba1d8a">https://linked.data.gov.au/def/nrm/7f0eb236-c8e8-4473-8f11-214487ba1d8a</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7f0eb236-c8e8-4473-8f11-214487ba1d8a">https://linked.data.gov.au/def/nrm/7f0eb236-c8e8-4473-8f11-214487ba1d8a</a> is the IRI for "Soils gully depths codes". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/gully-depth/invalid.ttl</a>  |

### 3.1.38.2. Disturbance type Observation

#### 3.1.38.2.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:disturbance-type:feature-type</code>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface disturbance</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/invalid.ttl</a> |

### 3.1.38.2.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:disturbance-type:result-value</code>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Disturbance type codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Disturbance type codes controlled vocabulary.  |
| Status                | <code>submitted</code>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Complete clearing; pasture; has been cultivated</code></li> <li><code>Complete clearing; pasture; never cultivated</code></li> <li><code>Cultivated; rain fed</code></li> <li><code>Cultivation; has been irrigated</code></li> <li><code>Extensive clearing</code></li> <li><code>Highly disturbed</code></li> <li><code>Limited clearing</code></li> <li><code>None</code></li> <li><code>None except HEAVY grazing by hoofed animals</code></li> <li><code>None except LIGHT grazing by hoofed animals</code></li> <li><code>None except MEDIUM grazing by hoofed animals</code></li> <li><code>Not Collected</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/shapes.ttl</code>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/invalid.ttl</a> |

### 3.1.38.2.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:disturbance-type:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/invalid.ttl</a> |

### 3.1.38.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:disturbance-type:site-visit</a>             |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.            |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/invalid.ttl |

### 3.1.38.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-plot-soil-description-protocol-shapes:disturbance-type:used-procedure   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/invalid.ttl  |

### 3.1.38.2.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-plot-soil-description-protocol-shapes:disturbance-type:value-type |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> . |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/valid.ttl</p> <p>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/invalid.ttl</p> |

### 3.1.38.2.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-plot-soil-description-protocol-shapes:disturbance-type:vocabulary   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>f5a470e8-d29f-4ff6-b50d-529b0444dbe4\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4">https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4">https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4</a> is the IRI for "Disturbance type codes".</p> |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/valid.ttl</p> <p>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/disturbance-type/invalid.ttl</p>   |

### 3.1.38.3. Coarse fragments lithology Observation

#### 3.1.38.3.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-lithology:feature-type |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface substrate</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl</a></p> |

### 3.1.38.3.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-lithology:result-value</code>                                       |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soil lithology codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soil lithology codes controlled vocabulary. |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Adamellite</p> <p>Agglomerate</p> <p>Alcrete (bauxite)</p> <p>Amphibolite</p> <p>Andesite</p> <p>Anhydrite</p> <p>Aplite</p> <p>Arkose</p> <p>Ash (fine)</p> <p>Ash (sandy)</p> <p>Basalt</p> <p>Bombs (volcanic)</p> <p>Breccia</p> <p>Calcarenite</p> <p>Calcareous mudstone</p> <p>Calcareous sand</p> <p>Calcilutite</p> <p>Calcirudite</p> <p>Calcrete</p> <p>Charcoal</p> <p>Chert</p> <p>Clay</p> <p>Coal</p> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl</a></p> |

### 3.1.38.3.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-lithology:simple-result">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-lithology:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl</a></p> |

### 3.1.38.3.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-lithology:site-visit">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-lithology:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment    | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl</a></p> |

### 3.1.38.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-lithology:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-lithology:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".</p>           |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl</a></p> |

### 3.1.38.3.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-lithology:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-lithology:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl</a></p> |

### 3.1.38.3.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-lithology:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">1d50eb79-685f-45ea-84b4-627154eddede\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede">https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede">https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede</a> is the IRI for "Soil lithology codes".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-lithology/invalid.ttl</a></p>                                     |

### 3.1.38.4. Landform pattern Observation

### 3.1.38.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-pattern:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">landform</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>landform</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl</a></p> |

### 3.1.38.4.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-pattern:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Landform pattern codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Landform pattern codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Aluvial fan</p> <p>Aluvial plain</p> <p>Anastomotic plain</p> <p>Badlands</p> <p>Bar Plain</p> <p>Beach ridge plain</p> <p>Caldera</p> <p>Chenier plain</p> <p>Coral reef</p> <p>Covered plain</p> <p>Delta</p> <p>Dunefield</p> <p>Escarpment</p> <p>Floodplain</p> <p>Hills</p> <p>Karst</p> <p>Lacustrine plain</p> <p>Lava plain</p> <p>Longitudinal dunefield</p> <p>Low hills</p> <p>Made land</p> <p>Marine plain</p> <p>Meander plain</p> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl</a></p> |

#### 3.1.38.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-pattern:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl</a></p> |

#### 3.1.38.4.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-pattern:site-visit</a>             |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment    | Observations following the Plot soil description protocol are made in the context of a site visit.            |
| Status     | <a href="#">submitted</a>  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl</a> |

### 3.1.38.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:landform-pattern:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-pattern:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl</a>                                |

### 3.1.38.4.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:landform-pattern:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-pattern:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl</a></p> |

### 3.1.38.4.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-pattern:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">19d91a7a-2733-4b84-9d2b-4bda4808c003\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/19d91a7a-2733-4b84-9d2b-4bda4808c003">https://linked.data.gov.au/def/nrm/19d91a7a-2733-4b84-9d2b-4bda4808c003</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/19d91a7a-2733-4b84-9d2b-4bda4808c003">https://linked.data.gov.au/def/nrm/19d91a7a-2733-4b84-9d2b-4bda4808c003</a> is the IRI for "Landform pattern codes".</p> |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-pattern/invalid.ttl</a></p>   |

### 3.1.38.5. Soil microrelief hummocky Observation

### 3.1.38.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-hummocky:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/invalid.ttl</a></p> |

### 3.1.38.5.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-hummocky:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils microrelief hummockies codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils microrelief hummockies codes controlled vocabulary. |
| Status                | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <p><a href="#">Debil-debil</a></p> <p><a href="#">Swamp hummock</a></p>                              |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value   |
|------------|---|
| Validators | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/shapes.ttl</a>  |
| Examples   | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/invalid.ttl</a></p> |

### 3.1.38.5.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-hummocky:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/invalid.ttl</a></p> |

### 3.1.38.5.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-hummocky:site-visit</a> |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                 |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.         |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/shapes.ttl   |
| Examples   | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/invalid.ttl |

### 3.1.38.5.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-hummocky:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/invalid.ttl  |

### 3.1.38.5.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-hummocky:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                           |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .          |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/valid.ttl</p> <p>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/invalid.ttl</p> |

### 3.1.38.5.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-hummocky:vocabulary  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>594ae399-a2bf-4177-9cd7-c74cec57b287\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/594ae399-a2bf-4177-9cd7-c74cec57b287">https://linked.data.gov.au/def/nrm/594ae399-a2bf-4177-9cd7-c74cec57b287</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/594ae399-a2bf-4177-9cd7-c74cec57b287">https://linked.data.gov.au/def/nrm/594ae399-a2bf-4177-9cd7-c74cec57b287</a> is the IRI for "Soils microrelief hummockies codes".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/valid.ttl</p> <p>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-hummocky/invalid.ttl</p>   |

### 3.1.38.6. Soil microrelief type Observation

#### 3.1.38.6.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-type:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/invalid.ttl</a></p> |

### 3.1.38.6.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-type:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils microrelief types codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils microrelief types codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Biotic<br><br>Contour gilgai<br><br>Contour trench<br><br>Crabhole gilgai<br><br>Debil-debil<br><br>Karst microrelief<br><br>Lattice gilgai<br><br>Linear gilgai<br><br>Mass movement<br><br>Melonhole gilgai<br><br>Mound/depression<br><br>Normal gilgai<br><br>Other (see site notes)<br><br>Sinkhole<br><br>Spring hollow<br><br>Spring mound<br><br>Swamp hummock<br><br>Terracettes<br><br>Zero or no microrelief |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes-soil-soil-plot-soil-description-protocol-shapes-soil-microrelief-type/shapes.ttl">/shapes-soil-soil-plot-soil-description-protocol-shapes-soil-microrelief-type/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/invalid.ttl</a> |

### 3.1.38.6.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-type:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .  |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/invalid.ttl</a> |

### 3.1.38.6.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-type:site-visit</a>        |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .                                 |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.            |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/shapes.ttl   |
| Examples   | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/invalid.ttl |

### 3.1.38.6.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-type:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/invalid.ttl  |

### 3.1.38.6.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-type:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                       |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .      |
| Status     | submitted ○  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/valid.ttl</p> <p>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/invalid.ttl</p> |

### 3.1.38.6.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-type:vocabulary   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>457faa4f-74e8-4b8a-9e4b-541bb7c50441\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/457faa4f-74e8-4b8a-9e4b-541bb7c50441">https://linked.data.gov.au/def/nrm/457faa4f-74e8-4b8a-9e4b-541bb7c50441</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/457faa4f-74e8-4b8a-9e4b-541bb7c50441">https://linked.data.gov.au/def/nrm/457faa4f-74e8-4b8a-9e4b-541bb7c50441</a> is the IRI for "Soils microrelief types codes".</p> |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/valid.ttl</p> <p>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-type/invalid.ttl</p>  |

### 3.1.38.7. Water stream bank erosion degree Observation

#### 3.1.38.7.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-plot-soil-description-protocol-shapes:water-stream-bank-erosion-degree:feature-type |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface disturbance</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/invalid.ttl</a></p> |

### 3.1.38.7.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:water-stream-bank-erosion-degree:result-value</code>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils stream bank water erosion degrees codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils stream bank water erosion degrees codes controlled vocabulary.  |
| Status                | <code>submitted</code> ○   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>No stream bank erosion</code></li> <li><code>Not apparent</code></li> <li><code>Present</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/invalid.ttl</a> |

### 3.1.38.7.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-stream-bank-erosion-degree:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/invalid.ttl</a> |

### 3.1.38.7.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-stream-bank-erosion-degree:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.                |
| Status              | <a href="#">submitted</a>      |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/invalid.ttl |

### 3.1.38.7.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-plot-soil-description-protocol-shapes:water-stream-bank-erosion-degree:used-procedure   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/invalid.ttl  |

### 3.1.38.7.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-plot-soil-description-protocol-shapes:water-stream-bank-erosion-degree:value-type |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                                  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .                 |
| Status     | submitted <input type="radio"/>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/invalid.ttl |

### 3.1.38.7.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-plot-soil-description-protocol-shapes:water-stream-bank-erosion-degree:vocabulary  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>f62945ca-2eeb-4055-a9cc-187185948d65\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f62945ca-2eeb-4055-a9cc-187185948d65">https://linked.data.gov.au/def/nrm/f62945ca-2eeb-4055-a9cc-187185948d65</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/f62945ca-2eeb-4055-a9cc-187185948d65">https://linked.data.gov.au/def/nrm/f62945ca-2eeb-4055-a9cc-187185948d65</a> is the IRI for "Soils stream bank water erosion degrees codes". |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/water-stream-bank-erosion-degree/invalid.ttl   |

### 3.1.38.8. Microrelief biotic agent Observation

#### 3.1.38.8.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-biotic-agent:feature-type |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl</a></p> |

### 3.1.38.8.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-biotic-agent:result-value</code>   |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils biotic relief agents codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils biotic relief agents codes controlled vocabulary. |
| Status              | <code>submitted</code>    |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><i>Animal</i><br><i>Ant</i><br><i>Bird</i><br><i>Man</i><br><i>N/A</i><br><i>Other</i><br><i>Termite</i><br><i>Vegetation</i>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl</a> |

### 3.1.38.8.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-biotic-agent:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl</a> |

### 3.1.38.8.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-biotic-agent:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl</a> |

### 3.1.38.8.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-biotic-agent:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl</a> |

### 3.1.38.8.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-biotic-agent:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl</a> |

### 3.1.38.8.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-biotic-agent:vocabulary</a>                        |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>70b3ea97-90dd-49f7-9ca2-717a8deb6368\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/70b3ea97-90dd-49f7-9ca2-717a8deb6368">https://linked.data.gov.au/def/nrm/70b3ea97-90dd-49f7-9ca2-717a8deb6368</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/70b3ea97-90dd-49f7-9ca2-717a8deb6368">https://linked.data.gov.au/def/nrm/70b3ea97-90dd-49f7-9ca2-717a8deb6368</a> is the IRI for "Soils biotic relief agents codes". |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-biotic-agent/invalid.ttl</a>  |

### 3.1.38.9. State of erosion Observation

#### 3.1.38.9.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:state-of-erosion:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:state-of-erosion:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface disturbance</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl</a> |

### 3.1.38.9.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:state-of-erosion:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils erosion states codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils erosion states codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Absent</a></li> <li><a href="#">Active</a></li> <li><a href="#">Not Applicable</a></li> <li><a href="#">Not Collected</a></li> <li><a href="#">Partially stabilised</a></li> <li><a href="#">Stabilised</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl</a></p>   |

### 3.1.38.9.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:state-of-erosion:simple-result</a>  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl</a></p> |

#### 3.1.38.9.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:state-of-erosion:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl</a></p> |

#### 3.1.38.9.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:state-of-erosion:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl</a></p>                         |

### 3.1.38.9.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:state-of-erosion:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl</a></p> |

### 3.1.38.9.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:state-of-erosion:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:state-of-erosion:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="e7087186-7027-42c3-ab54-b65a39034dd1\$">e7087186-7027-42c3-ab54-b65a39034dd1\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e7087186-7027-42c3-ab54-b65a39034dd1">https://linked.data.gov.au/def/nrm/e7087186-7027-42c3-ab54-b65a39034dd1</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e7087186-7027-42c3-ab54-b65a39034dd1">https://linked.data.gov.au/def/nrm/e7087186-7027-42c3-ab54-b65a39034dd1</a> is the IRI for "Soils erosion states codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/state-of-erosion/invalid.ttl</a>  |

### 3.1.38.10. Component of microrelief Observation

#### 3.1.38.10.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:component-of-microrelief:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:component-of-microrelief:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/invalid.ttl</a> |

### 3.1.38.10.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:component-of-microrelief:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils microrelief components codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils microrelief components codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Depression</a><br><br><a href="#">Elongate depression</a><br><br><a href="#">Elongate mound</a><br><br><a href="#">Flat</a><br><br><a href="#">Hummock</a><br><br><a href="#">Mound</a><br><br><a href="#">Shelf</a> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/invalid.ttl</a>   |

### 3.1.38.10.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:component-of-microrelief:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/invalid.ttl</a></p> |

### 3.1.38.10.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:component-of-microrelief:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/invalid.ttl</a></p> |

### 3.1.38.10.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:component-of-microrelief:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/invalid.ttl</a> |

### 3.1.38.10.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:component-of-microrelief:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/invalid.ttl</a> |

### 3.1.38.10.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:component-of-microrelief:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">2bf9967f-c699-4193-9b4d-744e68efd1ad\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/2bf9967f-c699-4193-9b4d-744e68efd1ad">https://linked.data.gov.au/def/nrm/2bf9967f-c699-4193-9b4d-744e68efd1ad</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/2bf9967f-c699-4193-9b4d-744e68efd1ad">https://linked.data.gov.au/def/nrm/2bf9967f-c699-4193-9b4d-744e68efd1ad</a> is the IRI for "Soils microrelief components codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/component-of-microrelief/invalid.ttl</a>  |

### 3.1.38.11. Microrelief vertical interval distance Observation

#### 3.1.38.11.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-vertical-interval-distance:feature-type</a>                                   |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land</a> <a href="#">surface</a> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl</a></p> |

### 3.1.38.11.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-vertical-interval-distance:simple-result">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-vertical-interval-distance:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl</a></p> |

### 3.1.38.11.3. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-vertical-interval-distance:site-visit">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-vertical-interval-distance:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |

| Property            | Value  |
|---------------------|--|
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl</a> |

#### 3.1.38.11.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-vertical-interval-distance:unit-of-measure">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-vertical-interval-distance:unit-of-measure</a>  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <b>unit:M</b> as the value for <b>tern:unit</b> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <b>unit:M</b> .  |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl</a> |

#### 3.1.38.11.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-vertical-interval-distance:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-vertical-interval-distance:used-procedure</a> |
| Label      | Used procedure  |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl</a></p> |

### 3.1.38.11.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-vertical-interval-distance:value-range</code>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl</a></p> |

### 3.1.38.11.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-vertical-interval-distance:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-vertical-interval-distance/invalid.ttl</a></p> |

### 3.1.38.12. Soil coarse fragment alteration Observation

#### 3.1.38.12.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-alteration:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface substrate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a></p> |

### 3.1.38.12.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-alteration:result-value</code>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils coarse frag alterations codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils coarse frag alterations codes controlled vocabulary.   |
| Status                | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Calcified</code></li> <li><code>Ferruginised</code></li> <li><code>Kaolinised</code></li> <li><code>Other</code></li> <li><code>Silicified</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</code>   |
| Examples              | <p>Valid: <code>/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</code></p> <p>Invalid: <code>/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</code></p>             |

### 3.1.38.12.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-alteration:simple-result</code>  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a></p> |

### 3.1.38.12.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-alteration:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a></p> |

### 3.1.38.12.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-alteration:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".                              |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a> |

### 3.1.38.12.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-alteration:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-alteration:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a> |

### 3.1.38.12.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-alteration:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-alteration:vocabulary</a> |

| Property            | Value  |
|---------------------|--|
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>87f4f5fc-d24d-4865-9b11-9ca9ac5e159f\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/87f4f5fc-d24d-4865-9b11-9ca9ac5e159f">https://linked.data.gov.au/def/nrm/87f4f5fc-d24d-4865-9b11-9ca9ac5e159f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/87f4f5fc-d24d-4865-9b11-9ca9ac5e159f">https://linked.data.gov.au/def/nrm/87f4f5fc-d24d-4865-9b11-9ca9ac5e159f</a> is the IRI for "Soils coarse frag alterations codes". |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a>                           |

### 3.1.38.13. Micromorphology horizontal interval distance Observation

#### 3.1.38.13.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-horizontal-interval-distance:feature-type</code>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <code>land surface</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/invalid.ttl</a> |

### 3.1.38.13.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-horizontal-interval-distance:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/invalid.ttl</a> |

### 3.1.38.13.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-horizontal-interval-distance:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.                        |
| Status              | <a href="#">submitted</a>              |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/invalid.ttl |

### 3.1.38.13.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-horizontal-interval-distance:unit-of-measure   |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M</code> .  |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/invalid.ttl |

### 3.1.38.13.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-horizontal-interval-distance:used-procedure   |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status     | submitted ○   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/invalid.ttl</a> |

### 3.1.38.13.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-horizontal-interval-distance:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/invalid.ttl</a> |

### 3.1.38.13.7. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:microrelief-horizontal-interval-distance:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                                 |
| Status     | submitted <input type="radio"/>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/microrelief-horizontal-interval-distance/invalid.ttl</a> |

### 3.1.38.14. Soil runoff Observation

#### 3.1.38.14.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-runoff:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-runoff:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl</a> |

#### 3.1.38.14.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-runoff:result-value">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-runoff:result-value</a> |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils runoffs codes controlled vocabulary.   |
| Comment    | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils runoffs codes controlled vocabulary.                             |

| Property              | Value   |
|-----------------------|---|
| Status                | submitted ○   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value MUST be from the following list:</p> <ul style="list-style-type: none"> <li>Moderately rapid</li> <li>No runoff</li> <li>Rapid</li> <li>Slow</li> <li>Very rapid</li> <li>Very slow</li> </ul>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl</a></p> |

### 3.1.38.14.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-runoff:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .               |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl</a> |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl</a></p> |

#### 3.1.38.14.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-runoff:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl</a></p> |

#### 3.1.38.14.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-runoff:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl</a></p> |

#### 3.1.38.14.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-runoff:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl</a></p> |

#### 3.1.38.14.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-runoff:vocabulary</a>   |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">bcc7bb4d-a15a-4681-94e0-cb7a1117420a\$</a> .  |
| Comment    | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bcc7bb4d-a15a-4681-94e0-cb7a1117420a">https://linked.data.gov.au/def/nrm/bcc7bb4d-a15a-4681-94e0-cb7a1117420a</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/bcc7bb4d-a15a-4681-94e0-cb7a1117420a">https://linked.data.gov.au/def/nrm/bcc7bb4d-a15a-4681-94e0-cb7a1117420a</a> is the IRI for "Soils runoffs codes".</p> |
| Status     | <a href="#">submitted</a>   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-runoff/invalid.ttl</a></p> |

### 3.1.38.15. Landform element Observation

#### 3.1.38.15.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:landform-element:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-element:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">landform</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>landform</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/invalid.ttl</a></p> |

#### 3.1.38.15.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:landform-element:result-value">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-element:result-value</a> |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Landform element codes controlled vocabulary.  |

| Property            | Value  |
|---------------------|--|
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Landform element codes controlled vocabulary. |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | <code>TBA</code>   |
| Property            | Value  |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Alcove</p> <p>Backplain</p> <p>Bank (stream bank)</p> <p>Bar (stream bar)</p> <p>Barchan dune</p> <p>Beach</p> <p>Beach ridge</p> <p>Bench</p> <p>Berm</p> <p>Blow-out</p> <p>Breakaway</p> <p>Channel bench</p> <p>Cirque</p> <p>Cliff</p> <p>Cliff-footslope</p> <p>Collapse doline</p> <p>Cone (volcanic)</p> <p>Crater</p> <p>Cut face</p> <p>Cut-over surface</p> <p>Dam</p> <p>Deflation basin</p> <p>Drainage depression</p> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/invalid.ttl</a></p> |

### 3.1.38.15.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-element:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/invalid.ttl</a></p> |

### 3.1.38.15.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-element:site-visit</a>             |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment    | Observations following the Plot soil description protocol are made in the context of a site visit.            |
| Status     | <a href="#">submitted</a>  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/invalid.ttl |

### 3.1.38.15.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-plot-soil-description-protocol-shapes:landform-element:used-procedure   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/invalid.ttl  |

### 3.1.38.15.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-plot-soil-description-protocol-shapes:landform-element:value-type |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/invalid.ttl</a></p> |

### 3.1.38.15.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-element:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">c1a58967-cb12-4c2c-a7ca-9cee2589919c\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c1a58967-cb12-4c2c-a7ca-9cee2589919c">https://linked.data.gov.au/def/nrm/c1a58967-cb12-4c2c-a7ca-9cee2589919c</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c1a58967-cb12-4c2c-a7ca-9cee2589919c">https://linked.data.gov.au/def/nrm/c1a58967-cb12-4c2c-a7ca-9cee2589919c</a> is the IRI for "Landform element codes".</p> |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-element/invalid.ttl</a></p>   |

### 3.1.38.16. Soil drainage Observation

### 3.1.38.16.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-drainage:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil profile</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil profile</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/invalid.ttl</a></p> |

### 3.1.38.16.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-drainage:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils drainages codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils drainages codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>                                      |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Imperfect<br><br>Moderately well<br><br>Not Collected<br><br>Poor<br><br>Rapid<br><br>Very poor<br><br>Well   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/invalid.ttl</a> |

### 3.1.38.16.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-drainage:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .                   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/invalid.ttl</a> |

#### 3.1.38.16.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-drainage:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/invalid.ttl</a> |

#### 3.1.38.16.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-drainage:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/invalid.ttl</a> |

### 3.1.38.16.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-drainage:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/invalid.ttl</a> |

### 3.1.38.16.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-drainage:vocabulary</a>                                   |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>0c9132dc-48bf-4a9c-ac9b-0c8b1909afb4\$</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0c9132dc-48bf-4a9c-ac9b-0c8b1909afb4">https://linked.data.gov.au/def/nrm/0c9132dc-48bf-4a9c-ac9b-0c8b1909afb4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0c9132dc-48bf-4a9c-ac9b-0c8b1909afb4">https://linked.data.gov.au/def/nrm/0c9132dc-48bf-4a9c-ac9b-0c8b1909afb4</a> is the IRI for "Soils drainages codes". |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-drainage/invalid.ttl</a>   |

### 3.1.38.17. Coarse fragments size Observation

#### 3.1.38.17.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-size:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-size:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface substrate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/invalid.ttl</a> |

### 3.1.38.17.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-size:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils coarse frag sizes codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils coarse frag sizes codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Bouldery or boulders (600-2000mm)</a></li> <li><a href="#">Coarse gravelly or large pebbles (20-60mm)</a></li> <li><a href="#">Cobbly or cobbles (60-200mm)</a></li> <li><a href="#">Fine gravelly or small pebbles (2-6mm)</a></li> <li><a href="#">Large Boulders (&gt;2000mm)</a></li> <li><a href="#">Medium gravelly or medium pebbles (6-20mm)</a></li> <li><a href="#">Not Applicable</a></li> <li><a href="#">Not Collected</a></li> <li><a href="#">Stony or stones (200-600mm)</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/invalid.ttl</a></p>  |

### 3.1.38.17.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-size:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/invalid.ttl</a></p> |

#### 3.1.38.17.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-size:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/invalid.ttl</a></p> |

#### 3.1.38.17.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-size:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-size:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/invalid.ttl</a></p>     |

### 3.1.38.17.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-size:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-size:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/invalid.ttl</a></p> |

### 3.1.38.17.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-size:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-size:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>06d01bf1-3863-44ea-95fe-4c62bb47b996\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/06d01bf1-3863-44ea-95fe-4c62bb47b996">https://linked.data.gov.au/def/nrm/06d01bf1-3863-44ea-95fe-4c62bb47b996</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/06d01bf1-3863-44ea-95fe-4c62bb47b996">https://linked.data.gov.au/def/nrm/06d01bf1-3863-44ea-95fe-4c62bb47b996</a> is the IRI for "Soils coarse frag sizes codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-size/invalid.ttl</a>   |

### 3.1.38.18. Slope percent tangent Observation

#### 3.1.38.18.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:slope-percent-tangent:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-percent-tangent:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">landform</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>landform</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/invalid.ttl</a> |

### 3.1.38.18.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-percent-tangent:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .  |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/invalid.ttl</a> |

### 3.1.38.18.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-percent-tangent:site-visit</a>        |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .                                 |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.            |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/shapes.ttl   |
| Examples   | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/invalid.ttl |

#### 3.1.38.18.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-plot-soil-description-protocol-shapes:slope-percent-tangent:unit-of-measure  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:PERCENT</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PERCENT</code> .  |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/invalid.ttl |

#### 3.1.38.18.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-plot-soil-description-protocol-shapes:slope-percent-tangent:used-procedure  |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/invalid.ttl</a></p> |

### 3.1.38.18.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-percent-tangent:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between 0 and 100 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 100 inclusive.   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/invalid.ttl</a></p> |

### 3.1.38.18.7. Value type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-percent-tangent:value-type</a> |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .                                  |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .              |
| Status     | submitted <input type="radio"/>  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/valid.ttl<br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/slope-percent-tangent/invalid.ttl |

### 3.1.38.19. Coarse fragments abundance Observation

#### 3.1.38.19.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-abundance:feature-type  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: land surface substrate.  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/valid.ttl<br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/invalid.ttl |

#### 3.1.38.19.2. Result value

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-abundance:result-value                          |
| Label      | Result value   |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils coarse frag abundances codes controlled vocabulary. |

| Property              | Value  |
|-----------------------|--|
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils coarse frag abundances codes controlled vocabulary.   |
| Status                | <code>submitted</code> ○   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <p><code>Extremely or abundant (&gt; 90%)</code></p> <p><code>Moderately or many (20 - 50%)</code></p> <p><code>No coarse fragments</code></p> <p><code>No qualifier or common (10 - 20%)</code></p> <p><code>Not Collected</code></p> <p><code>Slightly or few (2-10%)</code></p> <p><code>Very or abundant (50 - 90%)</code></p> <p><code>Very slightly or very few (&lt; 2%)</code></p> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <code>/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/shapes.ttl</code>   |
| Examples              | <p>Valid: <code>/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/valid.ttl</code></p> <p>Invalid: <code>/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/invalid.ttl</code></p>  |

### 3.1.38.19.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-abundance:simple-result</code>   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | <code>submitted</code> ○  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/invalid.ttl</a></p> |

#### 3.1.38.19.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-abundance:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/invalid.ttl</a></p> |

#### 3.1.38.19.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-abundance:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".          |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/invalid.ttl</a> |

### 3.1.38.19.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-abundance:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-abundance:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/invalid.ttl</a> |

### 3.1.38.19.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-abundance:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-abundance:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>bec608c4-3a66-4630-b666-cabb666ac8d2\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bec608c4-3a66-4630-b666-cabb666ac8d2">https://linked.data.gov.au/def/nrm/bec608c4-3a66-4630-b666-cabb666ac8d2</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/bec608c4-3a66-4630-b666-cabb666ac8d2">https://linked.data.gov.au/def/nrm/bec608c4-3a66-4630-b666-cabb666ac8d2</a> is the IRI for "Soils coarse frag abundances codes".</p> |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-abundance/invalid.ttl</a></p>   |

### 3.1.38.20. Relative inclination of slope elements Observation

#### 3.1.38.20.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:relative-inclination-of-slope-elements:feature-type</code>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>landform</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <code>landform</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl</a> |

### 3.1.38.20.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:relative-inclination-of-slope-elements:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils relative inclination of slope elements codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils relative inclination of slope elements codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Maximal</a><br><br><a href="#">Minimal</a><br><br><a href="#">Waning</a><br><br><a href="#">Waxing</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl</a> |

### 3.1.38.20.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:relative-inclination-of-slope-elements:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl</a></p> |

#### 3.1.38.20.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:relative-inclination-of-slope-elements:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl</a></p> |

#### 3.1.38.20.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:relative-inclination-of-slope-elements:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:relative-inclination-of-slope-elements:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl</a> |

### 3.1.38.20.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:relative-inclination-of-slope-elements:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:relative-inclination-of-slope-elements:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl</a> |

### 3.1.38.20.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:relative-inclination-of-slope-elements:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:relative-inclination-of-slope-elements:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="844f1b7a-6a65-4994-9526-c337d84a7652\$">844f1b7a-6a65-4994-9526-c337d84a7652\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/844f1b7a-6a65-4994-9526-c337d84a7652">https://linked.data.gov.au/def/nrm/844f1b7a-6a65-4994-9526-c337d84a7652</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/844f1b7a-6a65-4994-9526-c337d84a7652">https://linked.data.gov.au/def/nrm/844f1b7a-6a65-4994-9526-c337d84a7652</a> is the IRI for "Soils relative inclination of slope elements codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/relative-inclination-of-slope-elements/invalid.ttl</a>              |

### 3.1.38.21. Water wave erosion degree Observation

#### 3.1.38.21.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-wave-erosion-degree:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:water-wave-erosion-degree:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface disturbance</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                 |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl</a> |

### 3.1.38.21.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-wave-erosion-degree:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils wave water erosion degrees codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils wave water erosion degrees codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">No wave erosion</a><br><br><a href="#">Not apparent</a><br><br><a href="#">Present</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl</a> |

### 3.1.38.21.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-wave-erosion-degree:simple-result</a> |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl</a></p> |

#### 3.1.38.21.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:water-wave-erosion-degree:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl</a></p> |

#### 3.1.38.21.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:water-wave-erosion-degree:used-procedure</code> |

| Property            | Value  |
|---------------------|--|
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".      |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl</a> |

### 3.1.38.21.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:water-wave-erosion-degree:value-type</code>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl</a> |

### 3.1.38.21.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-wave-erosion-degree:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:water-wave-erosion-degree:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="58b549f7-45ce-452f-91cc-097b88eaf984\$">58b549f7-45ce-452f-91cc-097b88eaf984\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/58b549f7-45ce-452f-91cc-097b88eaf984">https://linked.data.gov.au/def/nrm/58b549f7-45ce-452f-91cc-097b88eaf984</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/58b549f7-45ce-452f-91cc-097b88eaf984">https://linked.data.gov.au/def/nrm/58b549f7-45ce-452f-91cc-097b88eaf984</a> is the IRI for "Soils wave water erosion degrees codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-wave-erosion-degree/invalid.ttl</a>  |

### 3.1.38.22. Soil coarse fragment strength Observation

#### 3.1.38.22.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-strength:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-strength:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface substrate</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl</a> |

### 3.1.38.22.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-strength:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils coarse frag strengths codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils coarse frag strengths codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Moderately strong rock (50-100 MPa)</a><br><br><a href="#">Strong rock (100-200 MPa)</a><br><br><a href="#">Very strong rock (&gt;200 MPa)</a><br><br><a href="#">Very weak rock (1-35 MPa)</a><br><br><a href="#">Weak rock (25-50 MPa)</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl</a> |

### 3.1.38.22.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-strength:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl</a></p> |

#### 3.1.38.22.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-strength:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl</a></p> |

#### 3.1.38.22.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-strength:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-strength:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".                             |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl</a></p> |

### 3.1.38.22.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-strength:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-strength:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl</a></p> |

### 3.1.38.22.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-strength:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-coarse-fragment-strength:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="1ac1c1c1-5a64-47e4-b593-aabfef57e46\$">1ac1c1c1-5a64-47e4-b593-aabfef57e46\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ac1c1c1-5a64-47e4-b593-aabfef57e46">https://linked.data.gov.au/def/nrm/1ac1c1c1-5a64-47e4-b593-aabfef57e46</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ac1c1c1-5a64-47e4-b593-aabfef57e46">https://linked.data.gov.au/def/nrm/1ac1c1c1-5a64-47e4-b593-aabfef57e46</a> is the IRI for "Soils coarse frag strengths codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl</a>                             |

### 3.1.38.23. Modal slope Observation

#### 3.1.38.23.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:modal-slope:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:modal-slope:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">landform</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>landform</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                     |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/invalid.ttl</a> |

### 3.1.38.23.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:modal-slope:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils modal slopes codes controlled vocabulary.   |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils modal slopes codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a> ○   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | The result value MUST be from the following list:<br><br><a href="#">Gently inclined (3-10%)</a><br><br><a href="#">Level (&lt;1%)</a><br><br><a href="#">Moderately inclined (10-32%)</a><br><br><a href="#">Precipitous (&gt;100%)</a><br><br><a href="#">Steep (32-56%)</a><br><br><a href="#">Very gently inclined (1-3%)</a><br><br><a href="#">Very steep (56-100%)</a> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/invalid.ttl</a>  |

### 3.1.38.23.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:modal-slope:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/invalid.ttl</a></p> |

### 3.1.38.23.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:modal-slope:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/invalid.ttl</a></p> |

### 3.1.38.23.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:modal-slope:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/invalid.ttl</a></p>   |

### 3.1.38.23.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:modal-slope:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/invalid.ttl</a></p> |

### 3.1.38.23.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:modal-slope:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:modal-slope:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">443bf3da-0f2b-42ad-b9a5-b9608159556a\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/443bf3da-0f2b-42ad-b9a5-b9608159556a">https://linked.data.gov.au/def/nrm/443bf3da-0f2b-42ad-b9a5-b9608159556a</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/443bf3da-0f2b-42ad-b9a5-b9608159556a">https://linked.data.gov.au/def/nrm/443bf3da-0f2b-42ad-b9a5-b9608159556a</a> is the IRI for "Soils modal slopes codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/modal-slope/invalid.ttl</a>  |

### 3.1.38.24. Soil permeability Observation

#### 3.1.38.24.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-permeability:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-permeability:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil profile</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil profile</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                             |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/invalid.ttl</a> |

### 3.1.38.24.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-permeability:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils permeabilities codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils permeabilities codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Moderately permeable</a><br><br><a href="#">Slowly permeable</a><br><br><a href="#">Very slowly permeable</a>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/invalid.ttl</a> |

### 3.1.38.24.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-permeability:simple-result</a> |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/invalid.ttl</a></p> |

#### 3.1.38.24.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:soil-permeability:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/invalid.ttl</a></p> |

#### 3.1.38.24.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:soil-permeability:used-procedure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/invalid.ttl</a></p>                     |

### 3.1.38.24.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:soil-permeability:value-type</code>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/invalid.ttl</a></p> |

### 3.1.38.24.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-permeability:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-permeability:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">41a54b21-b885-4cf0-be09-7bedc4ae4dc4\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/41a54b21-b885-4cf0-be09-7bedc4ae4dc4">https://linked.data.gov.au/def/nrm/41a54b21-b885-4cf0-be09-7bedc4ae4dc4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/41a54b21-b885-4cf0-be09-7bedc4ae4dc4">https://linked.data.gov.au/def/nrm/41a54b21-b885-4cf0-be09-7bedc4ae4dc4</a> is the IRI for "Soils permeabilities codes". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-permeability/invalid.ttl</a>  |

### 3.1.38.25. Wind erosion degree Observation

#### 3.1.38.25.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:wind-erosion-degree:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:wind-erosion-degree:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface disturbance</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                     |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/invalid.ttl</a> |

### 3.1.38.25.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:wind-erosion-degree:result-value">urn:shapes:soil-plot-soil-description-protocol-shapes:wind-erosion-degree:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils wind erosion degrees codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils wind erosion degrees codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Minor or present</a><br><br><a href="#">Moderate</a><br><br><a href="#">No wind erosion</a><br><br><a href="#">Not apparent</a><br><br><a href="#">Severe</a><br><br><a href="#">Very severe</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/invalid.ttl</a> |

### 3.1.38.25.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:wind-erosion-degree:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/invalid.ttl</a></p> |

### 3.1.38.25.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:wind-erosion-degree:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/invalid.ttl</a></p> |

### 3.1.38.25.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:wind-erosion-degree:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/invalid.ttl</a>                    |

### 3.1.38.25.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:wind-erosion-degree:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/invalid.ttl</a> |

### 3.1.38.25.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:wind-erosion-degree:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>5c1ef6e3-2da4-4fb2-be2c-3e92a93fe545\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5c1ef6e3-2da4-4fb2-be2c-3e92a93fe545">https://linked.data.gov.au/def/nrm/5c1ef6e3-2da4-4fb2-be2c-3e92a93fe545</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/5c1ef6e3-2da4-4fb2-be2c-3e92a93fe545">https://linked.data.gov.au/def/nrm/5c1ef6e3-2da4-4fb2-be2c-3e92a93fe545</a> is the IRI for "Soils wind erosion degrees codes". |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/wind-erosion-degree/invalid.ttl</a>  |

## 3.1.38.26. Rock outcrop abundance Observation

### 3.1.38.26.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-abundance:feature-type</a>                                  |
| Label      | Feature type   |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface</code> .  |
| Comment    | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the Australian Soil and Land Survey Field Handbook. |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/invalid.ttl</a></p> |

### 3.1.38.26.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-abundance:result-value">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-abundance:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils rock outcrop abundances codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils rock outcrop abundances codes controlled vocabulary.   |
| Status                | submitted ○   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li>No rock outcrop (no bedrock exposed)</li> <li>Rockland (&gt;50% bedrock exposed)</li> <li>Rocky (10-20% bedrock exposed)</li> <li>Slightly rocky (2-10% bedrock exposed)</li> <li>Very rocky (20-50% bedrock exposed)</li> <li>Very slightly rocky (&lt;2% bedrock exposed)</li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/invalid.ttl</a> |

#### 3.1.38.26.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-abundance:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/invalid.ttl</a> |

#### 3.1.38.26.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-abundance:site-visit</a>       |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.            |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/invalid.ttl</a></p> |

### 3.1.38.26.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-abundance:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/invalid.ttl</a></p>       |

### 3.1.38.26.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-abundance:value-type</a>       |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .                             |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/invalid.ttl</a></p> |

### 3.1.38.26.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-abundance:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-abundance:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c06f57b7-fde3-47c6-b410-8db0ec7e68e1\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c06f57b7-fde3-47c6-b410-8db0ec7e68e1">https://linked.data.gov.au/def/nrm/c06f57b7-fde3-47c6-b410-8db0ec7e68e1</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c06f57b7-fde3-47c6-b410-8db0ec7e68e1">https://linked.data.gov.au/def/nrm/c06f57b7-fde3-47c6-b410-8db0ec7e68e1</a> is the IRI for "Soils rock outcrop abundances codes".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-abundance/invalid.ttl</a></p>  |

### 3.1.38.27. Coarse fragments shape Observation

#### 3.1.38.27.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-shape:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-shape:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface substrate</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl</a></p> |

### 3.1.38.27.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-shape:result-value</code>   |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils coarse frag shapes codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils coarse frag shapes codes controlled vocabulary. |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Angular<br><br>Angular platy<br><br>Angular tabular<br><br>Not Applicable<br><br>Not Collected<br><br>Rounded<br><br>Rounded platy<br><br>Rounded tabular<br><br>Subangular<br><br>Subangular platy<br><br>Subangular tabular<br><br>Subrounded<br><br>Subrounded platy<br><br>Subrounded tabular   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl</a> |

### 3.1.38.27.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-shape:simple-result</a> |
| Label      | Simple result  |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl</a></p> |

#### 3.1.38.27.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-shape:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl</a></p> |

#### 3.1.38.27.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-shape:used-procedure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl</a></p> |

### 3.1.38.27.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-shape:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl</a></p> |

### 3.1.38.27.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-shape:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:coarse-fragments-shape:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="13c84b19-e2bb-48c4-93db-465bcad2dbb5\$">13c84b19-e2bb-48c4-93db-465bcad2dbb5\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/13c84b19-e2bb-48c4-93db-465bcad2dbb5">https://linked.data.gov.au/def/nrm/13c84b19-e2bb-48c4-93db-465bcad2dbb5</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/13c84b19-e2bb-48c4-93db-465bcad2dbb5">https://linked.data.gov.au/def/nrm/13c84b19-e2bb-48c4-93db-465bcad2dbb5</a> is the IRI for "Soils coarse frag shapes codes". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/coarse-fragments-shape/invalid.ttl</a>  |

### 3.1.38.28. Water gully erosion degree Observation

#### 3.1.38.28.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-gully-erosion-degree:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:water-gully-erosion-degree:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface disturbance</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl</a> |

### 3.1.38.28.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-gully-erosion-degree:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils gully water erosion degrees codes controlled vocabulary.   |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils gully water erosion degrees codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Minor</a><br><br><a href="#">Moderate</a><br><br><a href="#">No gully erosion</a><br><br><a href="#">Severe</a>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl</a> |

### 3.1.38.28.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-gully-erosion-degree:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl</a></p> |

#### 3.1.38.28.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:water-gully-erosion-degree:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl</a></p> |

#### 3.1.38.28.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-gully-erosion-degree:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:water-gully-erosion-degree:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".          |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl</a> |

### 3.1.38.28.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-gully-erosion-degree:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:water-gully-erosion-degree:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl</a> |

### 3.1.38.28.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-gully-erosion-degree:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:water-gully-erosion-degree:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="42898383-1e9f-4d61-bd60-fca4669c1e05\$">42898383-1e9f-4d61-bd60-fca4669c1e05\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/42898383-1e9f-4d61-bd60-fca4669c1e05">https://linked.data.gov.au/def/nrm/42898383-1e9f-4d61-bd60-fca4669c1e05</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/42898383-1e9f-4d61-bd60-fca4669c1e05">https://linked.data.gov.au/def/nrm/42898383-1e9f-4d61-bd60-fca4669c1e05</a> is the IRI for "Soils gully water erosion degrees codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-gully-erosion-degree/invalid.ttl</a>   |

### 3.1.38.29. Erosion type Observation

#### 3.1.38.29.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:erosion-type:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:erosion-type:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface disturbance</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .       |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl</a> |

### 3.1.38.29.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:erosion-type:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils erosion types codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils erosion types codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Gully<br><br>Mass movement<br><br>None<br><br>Not Applicable<br><br>Not Collected<br><br>Other (see site notes)<br><br>Rill<br><br>Scald<br><br>Sheet<br><br>Stream bank<br><br>Tunnel<br><br>Undefined<br><br>Wave<br><br>Wind   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl</a> |

### 3.1.38.29.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:erosion-type:simple-result">urn:shapes:soil-plot-soil-description-protocol-shapes:erosion-type:simple-result</a> |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl</a></p> |

#### 3.1.38.29.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:erosion-type:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl</a></p> |

#### 3.1.38.29.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:erosion-type:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl</a></p>   |

### 3.1.38.29.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:erosion-type:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl</a></p> |

### 3.1.38.29.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:erosion-type:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>4f3d9522-e612-40ef-ab8a-7d77960c9f8f\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/4f3d9522-e612-40ef-ab8a-7d77960c9f8f">https://linked.data.gov.au/def/nrm/4f3d9522-e612-40ef-ab8a-7d77960c9f8f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/4f3d9522-e612-40ef-ab8a-7d77960c9f8f">https://linked.data.gov.au/def/nrm/4f3d9522-e612-40ef-ab8a-7d77960c9f8f</a> is the IRI for "Soils erosion types codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/erosion-type/invalid.ttl</a>  |

### 3.1.38.30. Slope class Observation

#### 3.1.38.30.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-class:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>landform</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>landform</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                     |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/invalid.ttl</a> |

### 3.1.38.30.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-class:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Plot slope codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Plot slope codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Cliffed</a><br><br><a href="#">Gently inclined</a><br><br><a href="#">Level</a><br><br><a href="#">Moderately inclined</a><br><br><a href="#">Precipitous</a><br><br><a href="#">Steep</a><br><br><a href="#">Very gently inclined</a><br><br><a href="#">Very steep</a>                           |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/invalid.ttl</a> |

### 3.1.38.30.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-class:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/invalid.ttl</a></p> |

### 3.1.38.30.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-class:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/invalid.ttl</a></p> |

### 3.1.38.30.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-class:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/invalid.ttl</a>  |

### 3.1.38.30.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-class:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/invalid.ttl</a> |

### 3.1.38.30.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:slope-class:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-class:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="d893e669-c530-4bc3-a057-a5799ffcb5db\$">d893e669-c530-4bc3-a057-a5799ffcb5db\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d893e669-c530-4bc3-a057-a5799ffcb5db">https://linked.data.gov.au/def/nrm/d893e669-c530-4bc3-a057-a5799ffcb5db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/d893e669-c530-4bc3-a057-a5799ffcb5db">https://linked.data.gov.au/def/nrm/d893e669-c530-4bc3-a057-a5799ffcb5db</a> is the IRI for "Plot slope codes". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-class/invalid.ttl</a>  |

### 3.1.38.31. Water mass movement erosion degree Observation

#### 3.1.38.31.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-mass-movement-erosion-degree:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:water-mass-movement-erosion-degree:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface disturbance</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl</a> |

### 3.1.38.31.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-mass-movement-erosion-degree:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils mass movement erosion degrees codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils mass movement erosion degrees codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><code>No mass movement</code><br><br><code>Present</code>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl</a> |

### 3.1.38.31.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-mass-movement-erosion-degree:simple-result</a>  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl</a></p> |

### 3.1.38.31.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:water-mass-movement-erosion-degree:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl</a></p> |

### 3.1.38.31.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:water-mass-movement-erosion-degree:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl</a></p> |

### 3.1.38.31.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:water-mass-movement-erosion-degree:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl</a></p> |

### 3.1.38.31.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-mass-movement-erosion-degree:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:water-mass-movement-erosion-degree:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="c417aca7-46ef-42ae-90f0-6fb00ed9e357\$">c417aca7-46ef-42ae-90f0-6fb00ed9e357\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c417aca7-46ef-42ae-90f0-6fb00ed9e357">https://linked.data.gov.au/def/nrm/c417aca7-46ef-42ae-90f0-6fb00ed9e357</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c417aca7-46ef-42ae-90f0-6fb00ed9e357">https://linked.data.gov.au/def/nrm/c417aca7-46ef-42ae-90f0-6fb00ed9e357</a> is the IRI for "Soils mass movement erosion degrees codes". |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-mass-movement-erosion-degree/invalid.ttl</a>                     |

### 3.1.38.32. Water sheet erosion degree Observation

#### 3.1.38.32.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-sheet-erosion-degree:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:water-sheet-erosion-degree:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface disturbance</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/invalid.ttl</a> |

### 3.1.38.32.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-sheet-erosion-degree:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils sheet water erosion degrees codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils sheet water erosion degrees codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Minor</a><br><br><a href="#">Moderate</a><br><br><a href="#">No sheet erosion</a><br><br><a href="#">Not apparent</a><br><br><a href="#">Severe</a>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/invalid.ttl</a> |

### 3.1.38.32.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-sheet-erosion-degree:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/invalid.ttl</a></p> |

#### 3.1.38.32.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-sheet-erosion-degree:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/invalid.ttl</a></p> |

#### 3.1.38.32.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-sheet-erosion-degree:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:water-sheet-erosion-degree:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".                 |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/invalid.ttl</a></p> |

### 3.1.38.32.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-sheet-erosion-degree:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:water-sheet-erosion-degree:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/invalid.ttl</a></p> |

### 3.1.38.32.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-sheet-erosion-degree:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:water-sheet-erosion-degree:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="7d0706e7-4424-486b-a501-1958c660110b\$">7d0706e7-4424-486b-a501-1958c660110b\$</a> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7d0706e7-4424-486b-a501-1958c660110b">https://linked.data.gov.au/def/nrm/7d0706e7-4424-486b-a501-1958c660110b</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7d0706e7-4424-486b-a501-1958c660110b">https://linked.data.gov.au/def/nrm/7d0706e7-4424-486b-a501-1958c660110b</a> is the IRI for "Soils sheet water erosion degrees codes".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-sheet-erosion-degree/invalid.ttl</a></p>  |

### 3.1.38.33. Soil microrelief gilgai Observation

#### 3.1.38.33.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-gilgai:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-gilgai:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/invalid.ttl</a> |

### 3.1.38.33.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-gilgai:result-value">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-gilgai:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils microrelief gilgals codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils microrelief gilgals codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Contour gilgai</a><br><br><a href="#">Crabhole gilgai</a><br><br><a href="#">Lattice gilgai</a><br><br><a href="#">Linear gilgai</a><br><br><a href="#">Melonhole gilgai</a><br><br><a href="#">Normal gilgai</a>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/invalid.ttl</a> |

### 3.1.38.33.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-gilgai:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/invalid.ttl</a></p> |

### 3.1.38.33.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-gilgai:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/invalid.ttl</a></p> |

### 3.1.38.33.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-gilgai:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/invalid.ttl</a>    |

### 3.1.38.33.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-gilgai:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/invalid.ttl</a> |

### 3.1.38.33.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-gilgai:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>ca5e075d-fc73-4953-8564-18e9e15175cb\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/ca5e075d-fc73-4953-8564-18e9e15175cb">https://linked.data.gov.au/def/nrm/ca5e075d-fc73-4953-8564-18e9e15175cb</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/ca5e075d-fc73-4953-8564-18e9e15175cb">https://linked.data.gov.au/def/nrm/ca5e075d-fc73-4953-8564-18e9e15175cb</a> is the IRI for "Soils microrelief gilgals codes". |
| Status              | submitted  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-gilgai/invalid.ttl</a>   |

### 3.1.38.34. Slope morphology type Observation

#### 3.1.38.34.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-morphology-type:feature-type</a>                                     |
| Label      | Feature type   |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>landform</code> .  |
| Comment    | TERN's ecologists have determined the feature type is <code>landform</code> , defined by the Australian Soil and Land Survey Field Handbook. |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl</a></p> |

### 3.1.38.34.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:slope-morphology-type:result-value">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-morphology-type:result-value</a> |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils morphological types codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils morphological types codes controlled vocabulary.                                     |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Closed depression<br><br>Crest<br><br>Flat<br><br>Hillock<br><br>Lower slope<br><br>Mid-slope<br><br>Open depression (vale)<br><br>Ridge<br><br>Simple slope<br><br>Upper slope |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl</a> |

### 3.1.38.34.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-morphology-type:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl</a></p> |

#### 3.1.38.34.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:slope-morphology-type:site-visit">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-morphology-type:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl</a></p> |

#### 3.1.38.34.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:slope-morphology-type:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-morphology-type:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl</a></p> |

### 3.1.38.34.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-morphology-type:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl</a></p> |

### 3.1.38.34.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope-morphology-type:vocabulary</a>                              |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">50e0e5aa-3abf-4883-a713-245701efe314\$</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/50e0e5aa-3abf-4883-a713-245701efe314">https://linked.data.gov.au/def/nrm/50e0e5aa-3abf-4883-a713-245701efe314</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/50e0e5aa-3abf-4883-a713-245701efe314">https://linked.data.gov.au/def/nrm/50e0e5aa-3abf-4883-a713-245701efe314</a> is the IRI for "Soils morphological types codes". |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope-morphology-type/invalid.ttl</a>   |

### 3.1.38.35. Aspect Observation

#### 3.1.38.35.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:aspect:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:aspect:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">landform</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>landform</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/invalid.ttl</a> |

#### 3.1.38.35.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:aspect:simple-result">urn:shapes:soil-plot-soil-description-protocol-shapes:aspect:simple-result</a> |

| Property            | Value  |
|---------------------|--|
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/invalid.ttl</a> |

### 3.1.38.35.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:aspect:site-visit</code>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/invalid.ttl</a> |

### 3.1.38.35.4. Unit of measure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:aspect:unit-of-measure</code>   |
| Label      | Unit of measure   |
| Definition | The result <i>MUST</i> have <code>unit:DEG</code> as the value for <code>tern:unit</code> . |
| Comment    | Result value's unit of measure <i>MUST</i> have the value <code>unit:DEG</code> .           |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/invalid.ttl</a> |

### 3.1.38.35.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:aspect:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:aspect:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/invalid.ttl</a>  |

### 3.1.38.35.6. Value range

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:aspect:value-range">urn:shapes:soil-plot-soil-description-protocol-shapes:aspect:value-range</a> |
| Label      | Value range   |
| Definition | The result <i>MUST</i> have a value between 0 exclusive and 360 inclusive.  |
| Comment    | Value <i>MUST</i> be between 0 exclusive and 360 inclusive.   |
| Status     | submitted ○   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/invalid.ttl</a> |

### 3.1.38.35.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:aspect:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/aspect/invalid.ttl</a> |

### 3.1.38.36. Water tunnel erosion degree Observation

#### 3.1.38.36.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-tunnel-erosion-degree:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface disturbance</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/invalid.ttl</a></p> |

### 3.1.38.36.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-tunnel-erosion-degree:result-value">urn:shapes:soil-plot-soil-description-protocol-shapes:water-tunnel-erosion-degree:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils tunnel water erosion degrees codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils tunnel water erosion degrees codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">No tunnel erosion</a></li> <li><a href="#">Not apparent</a></li> <li><a href="#">Present</a></li> </ul>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/invalid.ttl</a></p> |

### 3.1.38.36.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-tunnel-erosion-degree:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/invalid.ttl</a></p> |

#### 3.1.38.36.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-tunnel-erosion-degree:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/invalid.ttl</a></p> |

#### 3.1.38.36.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-tunnel-erosion-degree:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:water-tunnel-erosion-degree:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".              |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/invalid.ttl</a> |

### 3.1.38.36.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-tunnel-erosion-degree:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:water-tunnel-erosion-degree:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/invalid.ttl</a> |

### 3.1.38.36.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-tunnel-erosion-degree:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:water-tunnel-erosion-degree:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="b0e01539-05b6-4dc8-8a27-019c8fb5eeec\$">b0e01539-05b6-4dc8-8a27-019c8fb5eeec\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b0e01539-05b6-4dc8-8a27-019c8fb5eeec">https://linked.data.gov.au/def/nrm/b0e01539-05b6-4dc8-8a27-019c8fb5eeec</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b0e01539-05b6-4dc8-8a27-019c8fb5eeec">https://linked.data.gov.au/def/nrm/b0e01539-05b6-4dc8-8a27-019c8fb5eeec</a> is the IRI for "Soils tunnel water erosion degrees codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-tunnel-erosion-degree/invalid.ttl</a>  |

### 3.1.38.37. Scald erosion degree Observation

#### 3.1.38.37.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:scald-erosion-degree:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:scald-erosion-degree:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface disturbance</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                       |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl</a> |

### 3.1.38.37.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:scald-erosion-degree:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils scald erosion degrees codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils scald erosion degrees codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Minor scalding (&lt;5%)</a><br><br><a href="#">Moderate scalding (5-50%)</a><br><br><a href="#">No scalding</a><br><br><a href="#">Severe scalding (&gt;50%)</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl</a> |

### 3.1.38.37.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:scald-erosion-degree:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl</a></p> |

#### 3.1.38.37.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:scald-erosion-degree:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl</a></p> |

#### 3.1.38.37.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:scald-erosion-degree:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:scald-erosion-degree:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl</a>                |

### 3.1.38.37.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:scald-erosion-degree:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:scald-erosion-degree:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl</a> |

### 3.1.38.37.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:scald-erosion-degree:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">941e13e1-1bb3-471b-8502-9dc366c1dbf7\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/941e13e1-1bb3-471b-8502-9dc366c1dbf7">https://linked.data.gov.au/def/nrm/941e13e1-1bb3-471b-8502-9dc366c1dbf7</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/941e13e1-1bb3-471b-8502-9dc366c1dbf7">https://linked.data.gov.au/def/nrm/941e13e1-1bb3-471b-8502-9dc366c1dbf7</a> is the IRI for "Soils scald erosion degrees codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/scald-erosion-degree/invalid.ttl</a>   |

### 3.1.38.38. Landform relief Observation

#### 3.1.38.38.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-relief:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">landform</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>landform</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/shapes.ttl</a>  |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/invalid.ttl</a></p> |

### 3.1.38.38.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-relief:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils reliefs codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils reliefs codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Extremely low (&lt;9m)</a></li> <li><a href="#">High (90-300m)</a></li> <li><a href="#">Low (30-90m)</a></li> <li><a href="#">Very high (&gt;300m)</a></li> <li><a href="#">Very low (9-30m)</a></li> </ul>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/invalid.ttl</a></p> |

### 3.1.38.38.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-relief:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/invalid.ttl</a></p> |

#### 3.1.38.38.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-relief:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/invalid.ttl</a></p> |

#### 3.1.38.38.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:landform-relief:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-relief:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/invalid.ttl</a>                                    |

### 3.1.38.38.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:landform-relief:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-relief:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/invalid.ttl</a> |

### 3.1.38.38.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:landform-relief:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:landform-relief:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="9e377f67-190e-4d58-9ec9-adebedaf14e2\$">9e377f67-190e-4d58-9ec9-adebedaf14e2\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9e377f67-190e-4d58-9ec9-adebedaf14e2">https://linked.data.gov.au/def/nrm/9e377f67-190e-4d58-9ec9-adebedaf14e2</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/9e377f67-190e-4d58-9ec9-adebedaf14e2">https://linked.data.gov.au/def/nrm/9e377f67-190e-4d58-9ec9-adebedaf14e2</a> is the IRI for "Soils reliefs codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/landform-relief/invalid.ttl</a>   |

### 3.1.38.39. Water rill erosion degree Observation

#### 3.1.38.39.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-rill-erosion-degree:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:water-rill-erosion-degree:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface disturbance</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface disturbance</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                 |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl</a> |

### 3.1.38.39.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-rill-erosion-degree:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils rill water erosion degrees codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils rill water erosion degrees codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Minor</a><br><br><a href="#">Moderate</a><br><br><a href="#">No rill erosion</a><br><br><a href="#">Severe</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl</a> |

### 3.1.38.39.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:water-rill-erosion-degree:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl</a></p> |

#### 3.1.38.39.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:water-rill-erosion-degree:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl</a></p> |

#### 3.1.38.39.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-rill-erosion-degree:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:water-rill-erosion-degree:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".      |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl</a> |

### 3.1.38.39.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-rill-erosion-degree:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:water-rill-erosion-degree:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl</a> |

### 3.1.38.39.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:water-rill-erosion-degree:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:water-rill-erosion-degree:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="c5bb4782-a8c7-4293-b6f0-b53c6c808f5f\$">c5bb4782-a8c7-4293-b6f0-b53c6c808f5f\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c5bb4782-a8c7-4293-b6f0-b53c6c808f5f">https://linked.data.gov.au/def/nrm/c5bb4782-a8c7-4293-b6f0-b53c6c808f5f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c5bb4782-a8c7-4293-b6f0-b53c6c808f5f">https://linked.data.gov.au/def/nrm/c5bb4782-a8c7-4293-b6f0-b53c6c808f5f</a> is the IRI for "Soils rill water erosion degrees codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/water-rill-erosion-degree/invalid.ttl</a>  |

### 3.1.38.40. Condition of soil surface when dry Observation

#### 3.1.38.40.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:condition-of-soil-surface-when-dry:feature-type">urn:shapes:soil-plot-soil-description-protocol-shapes:condition-of-soil-surface-when-dry:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/invalid.ttl</a> |

### 3.1.38.40.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:condition-of-soil-surface-when-dry:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils surface soil conditions codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils surface soil conditions codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Cracking<br><br>Cryptogam surface<br><br>Firm<br><br>Hard setting<br><br>Loose<br><br>Not Collected<br><br>Other (see site notes)<br><br>Poached<br><br>Recently cultivated<br><br>Saline<br><br>Sandy veneer<br><br>Self-mulching<br><br>Soft<br><br>Surface crust<br><br>Surface flake<br><br>Trampled<br><br>Unknown |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/shapes.ttl  |
| Examples              | Valid: /shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/valid.ttl<br><br>Invalid: /shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/invalid.ttl   |

### 3.1.38.40.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:condition-of-soil-surface-when-dry:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/invalid.ttl</a></p> |

### 3.1.38.40.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:condition-of-soil-surface-when-dry:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/invalid.ttl</a></p> |

### 3.1.38.40.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:condition-of-soil-surface-when-dry:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:condition-of-soil-surface-when-dry:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/invalid.ttl</a> |

### 3.1.38.40.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:condition-of-soil-surface-when-dry:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:condition-of-soil-surface-when-dry:value-type</a>     |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/invalid.ttl</a> |

### 3.1.38.40.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:condition-of-soil-surface-when-dry:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>253cc4d0-b1f2-4a55-bdaf-e3c054703451\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/253cc4d0-b1f2-4a55-bdaf-e3c054703451">https://linked.data.gov.au/def/nrm/253cc4d0-b1f2-4a55-bdaf-e3c054703451</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/253cc4d0-b1f2-4a55-bdaf-e3c054703451">https://linked.data.gov.au/def/nrm/253cc4d0-b1f2-4a55-bdaf-e3c054703451</a> is the IRI for "Soils surface soil conditions codes". |
| Status              | submitted  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/condition-of-soil-surface-when-dry/invalid.ttl</a>               |

## 3.1.38.41. Rock outcrop lithology Observation

### 3.1.38.41.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-lithology:feature-type</a>                                  |
| Label      | Feature type   |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>land surface</code> .  |
| Comment    | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the Australian Soil and Land Survey Field Handbook. |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a></p> |

### 3.1.38.41.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-lithology:result-value">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-lithology:result-value</a> |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soil lithology codes controlled vocabulary.  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soil lithology codes controlled vocabulary.  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Adamellite</p> <p>Agglomerate</p> <p>Alcrete (bauxite)</p> <p>Amphibolite</p> <p>Andesite</p> <p>Anhydrite</p> <p>Aplite</p> <p>Arkose</p> <p>Ash (fine)</p> <p>Ash (sandy)</p> <p>Basalt</p> <p>Bombs (volcanic)</p> <p>Breccia</p> <p>Calcarenite</p> <p>Calcareous mudstone</p> <p>Calcareous sand</p> <p>Calcilutite</p> <p>Calcirudite</p> <p>Calcrete</p> <p>Charcoal</p> <p>Chert</p> <p>Clay</p> <p>Coal</p> |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a> |

#### 3.1.38.41.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-lithology:simple-result">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-lithology:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a> |

#### 3.1.38.41.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-lithology:site-visit">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-lithology:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment    | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a> |

### 3.1.38.41.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-lithology:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-lithology:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a>        |

### 3.1.38.41.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-lithology:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-lithology:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a></p> |

### 3.1.38.41.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:rock-outcrop-lithology:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">1d50eb79-685f-45ea-84b4-627154eddede\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede">https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede">https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede</a> is the IRI for "Soil lithology codes".</p> |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/rock-outcrop-lithology/invalid.ttl</a></p>   |

### 3.1.38.42. Surface strew lithology Observation

### 3.1.38.42.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:surface-strew-lithology:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">land surface substrate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface substrate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a></p> |

### 3.1.38.42.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:surface-strew-lithology:result-value</a>   |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soil lithology codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soil lithology codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Adamellite</p> <p>Agglomerate</p> <p>Alcrete (bauxite)</p> <p>Amphibolite</p> <p>Andesite</p> <p>Anhydrite</p> <p>Aplite</p> <p>Arkose</p> <p>Ash (fine)</p> <p>Ash (sandy)</p> <p>Basalt</p> <p>Bombs (volcanic)</p> <p>Breccia</p> <p>Calcarenite</p> <p>Calcareous mudstone</p> <p>Calcareous sand</p> <p>Calcilutite</p> <p>Calcirudite</p> <p>Calcrete</p> <p>Charcoal</p> <p>Chert</p> <p>Clay</p> <p>Coal</p> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a></p> |

### 3.1.38.42.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:surface-strew-lithology:simple-result">urn:shapes:soil-plot-soil-description-protocol-shapes:surface-strew-lithology:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a></p> |

### 3.1.38.42.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:surface-strew-lithology:site-visit">urn:shapes:soil-plot-soil-description-protocol-shapes:surface-strew-lithology:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment    | Observations following the Plot soil description protocol are made in the context of a site visit.  |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a> |

### 3.1.38.42.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:surface-strew-lithology:used-procedure">urn:shapes:soil-plot-soil-description-protocol-shapes:surface-strew-lithology:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a>    |

### 3.1.38.42.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:surface-strew-lithology:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:surface-strew-lithology:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a></p> |

### 3.1.38.42.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:surface-strew-lithology:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">1d50eb79-685f-45ea-84b4-627154eddede\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede">https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede">https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede</a> is the IRI for "Soil lithology codes".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/surface-strew-lithology/invalid.ttl</a></p>   |

### 3.1.38.43. Slope Observation

### 3.1.38.43.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">landform</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>landform</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/invalid.ttl</a> |

### 3.1.38.43.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/invalid.ttl</a> |

### 3.1.38.43.3. Site visit

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:slope:site-visit</a> |
| Label      | Site visit   |

| Property            | Value  |
|---------------------|--|
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/invalid.ttl</a> |

#### 3.1.38.43.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:slope:unit-of-measure</code>   |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:DEG</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:DEG</code> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/invalid.ttl</a> |

#### 3.1.38.43.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:slope:used-procedure</code>  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/invalid.ttl</a>  |

### 3.1.38.43.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:slope:value-range">urn:shapes:soil-plot-soil-description-protocol-shapes:slope:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 90 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 90 inclusive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/invalid.ttl</a> |

### 3.1.38.43.7. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:slope:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:slope:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/slope/invalid.ttl</a> |

### 3.1.38.44. Soil microrelief proportion of gilgai components Observation

#### 3.1.38.44.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-proportion-of-gilgai-components:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">land surface</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>land surface</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/invalid.ttl</a> |

#### 3.1.38.44.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-proportion-of-gilgai-components:result-value</a> |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils gilgal proportions codes controlled vocabulary.                  |

| Property              | Value  |
|-----------------------|--|
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils gilgal proportions codes controlled vocabulary.   |
| Status                | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li>Equal mounds and depressions; no shelf present</li> <li>Fewer mounds than depressions; no shelf present</li> <li>More mounds than depressions; no shelf present</li> <li>Mound, shelf and depressions; shelf forms prominent part of gilgai</li> <li>N/A</li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <code>/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/shapes.ttl</code>   |
| Examples              | <p>Valid: <code>/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/valid.ttl</code></p> <p>Invalid: <code>/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/invalid.ttl</code></p>  |

### 3.1.38.44.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-proportion-of-gilgai-components:simple-result</code>                             |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/shapes.ttl</code>                              |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/invalid.ttl</a> |

#### 3.1.38.44.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-proportion-of-gilgai-components:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Plot soil description protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/invalid.ttl</a> |

#### 3.1.38.44.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-proportion-of-gilgai-components:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4">https://linked.data.gov.au/def/nrm/7818e122-6354-42e0-aeff-32dbab7baae4</a> is the IRI for "Plot soil description protocol". |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/invalid.ttl</a> |

### 3.1.38.44.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-proportion-of-gilgai-components:value-type">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-proportion-of-gilgai-components:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | submitted <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/invalid.ttl</a> |

### 3.1.38.44.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-proportion-of-gilgai-components:vocabulary">urn:shapes:soil-plot-soil-description-protocol-shapes:soil-microrelief-proportion-of-gilgai-components:vocabulary</a> |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">c441cb41-6f65-417c-88b7-2c10375bf3f3\$</a> .   |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c441cb41-6f65-417c-88b7-2c10375bf3f3">https://linked.data.gov.au/def/nrm/c441cb41-6f65-417c-88b7-2c10375bf3f3</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c441cb41-6f65-417c-88b7-2c10375bf3f3">https://linked.data.gov.au/def/nrm/c441cb41-6f65-417c-88b7-2c10375bf3f3</a> is the IRI for "Soils gilgal proportions codes".   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/shapes.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/valid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/invalid.ttl">/shapes/soil/soil-plot-soil-description-protocol-shapes/soil-microrelief-proportion-of-gilgai-components/invalid.ttl</a></p> |

### 3.1.39. Soil - Soil bulk density protocol Conformance Class Requirements

#### 3.1.39.1. Gross bulk density Observation

##### 3.1.39.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-bulk-density-protocol-shapes:gross-bulk-density:feature-type">urn:shapes:soil-soil-bulk-density-protocol-shapes:gross-bulk-density:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil sample</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil sample</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/invalid.ttl</a></p> |

### 3.1.39.1.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:gross-bulk-density:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/invalid.ttl</a></p> |

### 3.1.39.1.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:gross-bulk-density:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil bulk density protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/invalid.ttl</a></p> |

#### 3.1.39.1.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-bulk-density-protocol-shapes:gross-bulk-density:unit-of-measure">urn:shapes:soil-soil-bulk-density-protocol-shapes:gross-bulk-density:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:GM-PER-CentiM3</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:GM-PER-CentiM3</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/invalid.ttl</a></p> |

#### 3.1.39.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-bulk-density-protocol-shapes:gross-bulk-density:used-procedure">urn:shapes:soil-soil-bulk-density-protocol-shapes:gross-bulk-density:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436">https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436">https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436">https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436</a> is the IRI for "Soil bulk density protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/invalid.ttl</a> |

### 3.1.39.1.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:gross-bulk-density:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 1 and 2 inclusively.   |
| Comment             | Value <i>MUST</i> be between 1 and 2 inclusive.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/invalid.ttl</a> |

### 3.1.39.1.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:gross-bulk-density:value-type</a>               |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                     |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/shapes.ttl</a>             |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/gross-bulk-density/invalid.ttl</a> |

### 3.1.39.2. Soil bulk density Observation

#### 3.1.39.2.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:soil-bulk-density:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil specimen</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil specimen</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl</a> |

#### 3.1.39.2.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:soil-bulk-density:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> . |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl</a> |

### 3.1.39.2.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:soil-bulk-density:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Soil bulk density protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl</a> |

### 3.1.39.2.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:soil-bulk-density:unit-of-measure</a>    |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:GM-PER-Centim3</code> as the value for <code>tern:unit</code> . |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:GM-PER-Centim3</code> .           |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl</a></p> |

### 3.1.39.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:soil-bulk-density:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436">https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436">https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436">https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436</a> is the IRI for "Soil bulk density protocol".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl</a></p>                                       |

### 3.1.39.2.6. Value range

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:soil-bulk-density:value-range</a> |
| Label      | Value range   |
| Definition | The result <i>MUST</i> have a value between 1 and 2 inclusively.                                |
| Comment    | Value <i>MUST</i> be between 1 and 2 inclusive.   |
| Status     | <a href="#">submitted</a> <input type="radio"/>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl</a> |

### 3.1.39.2.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:soil-bulk-density:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/soil-bulk-density/invalid.ttl</a> |

## 3.1.39.3. Fine earth bulk density Observation

### 3.1.39.3.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:fine-earth-bulk-density:feature-type</a>   |
| Label      | Feature type   |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil specimen</a> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>soil specimen</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl</a></p> |

### 3.1.39.3.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-bulk-density-protocol-shapes:fine-earth-bulk-density:simple-result">urn:shapes:soil-soil-bulk-density-protocol-shapes:fine-earth-bulk-density:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl</a></p> |

### 3.1.39.3.3. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-bulk-density-protocol-shapes:fine-earth-bulk-density:site-visit">urn:shapes:soil-soil-bulk-density-protocol-shapes:fine-earth-bulk-density:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |

| Property            | Value  |
|---------------------|--|
| Comment             | Observations following the Soil bulk density protocol are made in the context of a site visit.   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl</a> |

#### 3.1.39.3.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:fine-earth-bulk-density:unit-of-measure</a>  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <a href="#">unit:GM-PER-CentiM3</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:GM-PER-CentiM3</a> .  |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl</a> |

#### 3.1.39.3.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:fine-earth-bulk-density:used-procedure</a> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436">https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436">https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436">https://linked.data.gov.au/def/nrm/d9e6739a-c2dd-4619-be43-1251449a6436</a> is the IRI for "Soil bulk density protocol". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl</a></p>         |

### 3.1.39.3.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-bulk-density-protocol-shapes:fine-earth-bulk-density:value-range</code>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between 1 and 2 inclusively.  |
| Comment             | Value <i>MUST</i> be between 1 and 2 inclusive.   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl</a></p> |

### 3.1.39.3.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-bulk-density-protocol-shapes:fine-earth-bulk-density:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-bulk-density-protocol-shapes/fine-earth-bulk-density/invalid.ttl</a></p> |

### 3.1.40. Soil - Soil pit characterization protocol Conformance Class Requirements

#### 3.1.40.1. Soil segregation form Observation

##### 3.1.40.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-form:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes:soil-segregation-form/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/invalid.ttl</a> |

### 3.1.40.1.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-form:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils segregations forms codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils segregations forms codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Concretions</a></li> <li><a href="#">Crystals</a></li> <li><a href="#">Fragments</a></li> <li><a href="#">Laminae</a></li> <li><a href="#">Nodules</a></li> <li><a href="#">Not Applicable</a></li> <li><a href="#">Not Collected</a></li> <li><a href="#">Root linings</a></li> <li><a href="#">Soft segregations</a></li> <li><a href="#">Tubules</a></li> <li><a href="#">Veins</a></li> </ul> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/shapes.ttl  |
| Examples   | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/invalid.ttl</p> |

#### 3.1.40.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-form:simple-result   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/invalid.ttl</p> |

#### 3.1.40.1.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-form:site-visit             |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                             |
| Comment    | Observations following the Soil pit characterization protocol are made in the context of a site visit. |
| Status     | submitted ○  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/invalid.ttl</p> |

### 3.1.40.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-form:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/invalid.ttl</p>   |

### 3.1.40.1.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-form:value-type |
| Label      | Value type   |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/invalid.ttl</a></p> |

### 3.1.40.1.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-form:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">e2a473c3-a2e3-44fc-a309-a662c6e53542\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e2a473c3-a2e3-44fc-a309-a662c6e53542">https://linked.data.gov.au/def/nrm/e2a473c3-a2e3-44fc-a309-a662c6e53542</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/e2a473c3-a2e3-44fc-a309-a662c6e53542">https://linked.data.gov.au/def/nrm/e2a473c3-a2e3-44fc-a309-a662c6e53542</a> is the IRI for "Soils segregations forms codes".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-form/invalid.ttl</a></p>   |

### 3.1.40.2. Soil mottle boundary distinctness Observation

### 3.1.40.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-boundary-distinctness:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.40.2.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-boundary-distinctness:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils mottle boundary distinctness codes controlled vocabulary.   |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils mottle boundary distinctness codes controlled vocabulary.                              |
| Status                | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Clear</a></li> <li><a href="#">Diffuse</a></li> <li><a href="#">Sharp</a></li> </ul> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.40.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-boundary-distinctness:simple-result">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-boundary-distinctness:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.40.2.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-boundary-distinctness:site-visit">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-boundary-distinctness:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment    | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.40.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-boundary-distinctness:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-boundary-distinctness:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p>   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.40.2.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-boundary-distinctness:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-boundary-distinctness:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.40.2.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-boundary-distinctness:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">51622960-af4e-4398-82ca-a17223de1431\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/51622960-af4e-4398-82ca-a17223de1431">https://linked.data.gov.au/def/nrm/51622960-af4e-4398-82ca-a17223de1431</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/51622960-af4e-4398-82ca-a17223de1431">https://linked.data.gov.au/def/nrm/51622960-af4e-4398-82ca-a17223de1431</a> is the IRI for "Soils mottle boundary distinctness codes".</p> |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-boundary-distinctness/invalid.ttl</a></p>             |

### 3.1.40.3. Soil pit depth Observation

### 3.1.40.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pit-depth:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil subsite</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil subsite</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/invalid.ttl</a></p> |

### 3.1.40.3.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pit-depth:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/invalid.ttl</a></p> |

### 3.1.40.3.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pit-depth:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/invalid.ttl</a></p> |

### 3.1.40.3.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pit-depth:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:Centimetre</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:Centimetre</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/invalid.ttl</a></p> |

### 3.1.40.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pit-depth:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/invalid.ttl</a>                            |

### 3.1.40.3.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pit-depth:value-range</a>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/invalid.ttl</a> |

### 3.1.40.3.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pit-depth:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pit-depth/invalid.ttl</a> |

### 3.1.40.4. Asc family Observation

#### 3.1.40.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-family:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil subsite</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil subsite</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl |

### 3.1.40.4.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-family:result-value  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils asc families codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils asc families codes controlled vocabulary.   |
| Status                | submitted    |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li>A of A1 Thickness</li> <li>A1, O2, P1 or P2 Horizon Texture</li> <li>B Horizon Maximum Texture</li> <li>Clay Content (vertosols only)</li> <li>Dominant Texture of the Uppermost Organic Materials (O2, P1 or P2)</li> <li>Gravel of Surface and A1 Horizon</li> <li>Nature of Altered Organic Materials</li> <li>Soil Depth</li> <li>Texture of the Layer Directly Underlying the Deepest Organic Materials</li> <li>Water Repellence</li> </ul> |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl</a> |

#### 3.1.40.4.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-family:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl</a> |

#### 3.1.40.4.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-family:site-visit</a>               |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment    | Observations following the Soil pit characterization protocol are made in the context of a site visit.        |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl</a></p> |

#### 3.1.40.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-family:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-family:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl</a></p>   |

#### 3.1.40.4.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-family:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-family:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl</a></p> |

#### 3.1.40.4.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-family:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">21a22e29-b88f-4d6c-b7d7-7763de409560\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/21a22e29-b88f-4d6c-b7d7-7763de409560">https://linked.data.gov.au/def/nrm/21a22e29-b88f-4d6c-b7d7-7763de409560</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/21a22e29-b88f-4d6c-b7d7-7763de409560">https://linked.data.gov.au/def/nrm/21a22e29-b88f-4d6c-b7d7-7763de409560</a> is the IRI for "Soils asc families codes".</p> |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-family/invalid.ttl</a></p>   |

#### 3.1.40.5. Asc great group Observation

### 3.1.40.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-great-group:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil subsite</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil subsite</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/invalid.ttl</a></p> |

### 3.1.40.5.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-great-group:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils asc classes codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils asc classes codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Acidic</p> <p>Acidic-Mottled</p> <p>Acidic-Sodic</p> <p>Aeric</p> <p>Andic</p> <p>Aquic</p> <p>Aquic-Hypersulfidic</p> <p>Aquic-Sulfuric</p> <p>Arenaceous</p> <p>Arenic</p> <p>Arenosolic</p> <p>Argic</p> <p>Argillaceous</p> <p>BLeached-Mottled</p> <p>Basic</p> <p>Bauxitic</p> <p>Black</p> <p>Bleached</p> <p>Bleached-Acidic</p> <p>Bleached-Ferric</p> <p>Bleached-Leptic</p> <p>Bleached-Magnesic</p> <p>Bleached-Manganic</p> |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/invalid.ttl</a> |

### 3.1.40.5.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-great-group:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/invalid.ttl</a> |

### 3.1.40.5.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-great-group:site-visit</a>          |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment    | Observations following the Soil pit characterization protocol are made in the context of a site visit.        |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/invalid.ttl</a></p> |

### 3.1.40.5.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-great-group:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/invalid.ttl</a></p>   |

### 3.1.40.5.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-great-group:value-type</a> |
| Label      | Value type   |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/invalid.ttl</a></p> |

### 3.1.40.5.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-great-group:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">430ebf92-824e-4dc6-9410-2b454fe8a063\$</a> .  |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/430ebf92-824e-4dc6-9410-2b454fe8a063">https://linked.data.gov.au/def/nrm/430ebf92-824e-4dc6-9410-2b454fe8a063</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/430ebf92-824e-4dc6-9410-2b454fe8a063">https://linked.data.gov.au/def/nrm/430ebf92-824e-4dc6-9410-2b454fe8a063</a> is the IRI for "Soils asc classes codes".</p> |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-great-group/invalid.ttl</a></p>  |

### 3.1.40.6. Soil segregation nature Observation

### 3.1.40.6.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-nature:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/invalid.ttl</a></p> |

### 3.1.40.6.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-nature:result-value</a>   |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils segregations natures codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils segregations natures codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Aluminous (aluminium)<br><br>Argillaceous (clayey)<br><br>Calcareous (carbonate)<br><br>Earthy (dominantly non-clayey)<br><br>Ferromanganiferous (iron-manganese)<br><br>Ferruginous (iron)<br><br>Ferruginous-organic (iron-organic matter)<br><br>Gypseous (gypsum)<br><br>Manganiferous (manganese)<br><br>Not Applicable<br><br>Not Collected<br><br>Organic (humified; well-decomposed organic matter)<br><br>Other<br><br>Saline (visible salt)<br><br>Sulfurous (sulfur)<br><br>Unidentified |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/shapes.ttl   |
| Examples              | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/invalid.ttl   |

### 3.1.40.6.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-nature:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/invalid.ttl</a></p> |

#### 3.1.40.6.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-nature:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/invalid.ttl</a></p> |

#### 3.1.40.6.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-nature:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-nature:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a><br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".            |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/invalid.ttl</a> |

### 3.1.40.6.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-nature:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-nature:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/invalid.ttl</a> |

### 3.1.40.6.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-nature:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">2e870427-8563-4d61-b7ac-3556aaf0cbf2\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/2e870427-8563-4d61-b7ac-3556aaf0cbf2">https://linked.data.gov.au/def/nrm/2e870427-8563-4d61-b7ac-3556aaf0cbf2</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/2e870427-8563-4d61-b7ac-3556aaf0cbf2">https://linked.data.gov.au/def/nrm/2e870427-8563-4d61-b7ac-3556aaf0cbf2</a> is the IRI for "Soils segregations natures codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-nature/invalid.ttl</a>  |

### 3.1.40.7. Soil electrical conductivity Observation

#### 3.1.40.7.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-electrical-conductivity:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <code>soil horizon</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/invalid.ttl</a> |

### 3.1.40.7.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-electrical-conductivity:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/invalid.ttl</a> |

### 3.1.40.7.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-electrical-conductivity:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.            |
| Status              | <a href="#">submitted</a>      |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/invalid.ttl |

#### 3.1.40.7.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-electrical-conductivity:unit-of-measure   |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:S-PER-M</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:S-PER-M</code> .  |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/invalid.ttl |

#### 3.1.40.7.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-electrical-conductivity:used-procedure   |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/invalid.ttl</a></p> |

### 3.1.40.7.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-electrical-conductivity:value-range</a>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a value between $10^{-18}$ and $10^7$ inclusively.  |
| Comment             | Value <i>MUST</i> be between $10^{-18}$ and $10^7$ inclusive.   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/invalid.ttl</a></p> |

### 3.1.40.7.7. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-electrical-conductivity:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                         |
| Status     | submitted <input type="radio"/>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-electrical-conductivity/invalid.ttl</a> |

### 3.1.40.8. Soil pan structure Observation

#### 3.1.40.8.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-structure:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-structure:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/invalid.ttl</a> |

#### 3.1.40.8.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-structure:result-value">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-structure:result-value</a> |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils pan structures codes controlled vocabulary.  |

| Property              | Value   |
|-----------------------|---|
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils pan structures codes controlled vocabulary.  |
| Status                | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Concretionary</code></li> <li><code>Massive</code></li> <li><code>Nodular</code></li> <li><code>Platy</code></li> <li><code>Vermicular</code></li> <li><code>Vesicular</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/invalid.ttl</a></p>   |

### 3.1.40.8.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-structure:simple-result</code>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/invalid.ttl |

#### 3.1.40.8.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-structure:site-visit  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.   |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/invalid.ttl |

#### 3.1.40.8.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-structure:used-procedure   |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/invalid.ttl</a></p> |

### 3.1.40.8.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-structure:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-structure:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/invalid.ttl</a></p> |

### 3.1.40.8.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-structure:vocabulary">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-structure:vocabulary</a> |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">295ca7cc-f6e6-451d-a0de-667fa3187378\$</a> .   |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/295ca7cc-f6e6-451d-a0de-667fa3187378">https://linked.data.gov.au/def/nrm/295ca7cc-f6e6-451d-a0de-667fa3187378</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/295ca7cc-f6e6-451d-a0de-667fa3187378">https://linked.data.gov.au/def/nrm/295ca7cc-f6e6-451d-a0de-667fa3187378</a> is the IRI for "Soils pan structures codes". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-structure/invalid.ttl</a>  |

### 3.1.40.9. Coarse fragments lithology Observation

#### 3.1.40.9.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-lithology:feature-type</code>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/invalid.ttl</a> |

### 3.1.40.9.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-lithology:result-value</a>                                      |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soil lithology codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soil lithology codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Adamellite</p> <p>Agglomerate</p> <p>Alcrete (bauxite)</p> <p>Amphibolite</p> <p>Andesite</p> <p>Anhydrite</p> <p>Aplite</p> <p>Arkose</p> <p>Ash (fine)</p> <p>Ash (sandy)</p> <p>Basalt</p> <p>Bombs (volcanic)</p> <p>Breccia</p> <p>Calcarenite</p> <p>Calcareous mudstone</p> <p>Calcareous sand</p> <p>Calcilutite</p> <p>Calcirudite</p> <p>Calcrete</p> <p>Charcoal</p> <p>Chert</p> <p>Clay</p> <p>Coal</p> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/shapes.ttl   |
| Examples   | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/invalid.ttl</p> |

### 3.1.40.9.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-lithology:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/invalid.ttl</p> |

### 3.1.40.9.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-lithology:site-visit        |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                             |
| Comment    | Observations following the Soil pit characterization protocol are made in the context of a site visit. |
| Status     | submitted           |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/invalid.ttl</a></p> |

### 3.1.40.9.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-lithology:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-lithology:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p>                       |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/invalid.ttl</a></p> |

### 3.1.40.9.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-lithology:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-lithology:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/invalid.ttl</a></p> |

### 3.1.40.9.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-lithology:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">1d50eb79-685f-45ea-84b4-627154eddede\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede">https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede">https://linked.data.gov.au/def/nrm/1d50eb79-685f-45ea-84b4-627154eddede</a> is the IRI for "Soil lithology codes".</p> |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-lithology/invalid.ttl</a></p>                     |

### 3.1.40.10. Soil segregation size Observation

### 3.1.40.10.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-size:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/invalid.ttl</a></p> |

### 3.1.40.10.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-size:result-value</a>   |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils segregations sizes codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils segregations sizes codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | The result value MUST be from the following list:<br><br>Coarse (6-20mm)<br><br>Extremely coarse (>60mm)<br><br>Fine (<2mm)<br><br>Medium (2-6mm)<br><br>Not Applicable<br><br>Not Collected<br><br>Very coarse (20-60mm) |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/shapes.ttl  |
| Examples              | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/invalid.ttl          |

### 3.1.40.10.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-size:simple-result   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/shapes.ttl  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/invalid.ttl</a> |

#### 3.1.40.10.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-size:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/invalid.ttl</a> |

#### 3.1.40.10.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-size:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/invalid.ttl</a></p> |

### 3.1.40.10.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-size:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/invalid.ttl</a></p> |

### 3.1.40.10.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-size:vocabulary</a>                          |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">f795d7e8-1bc9-4efa-98b7-e19717c66282\$</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f795d7e8-1bc9-4efa-98b7-e19717c66282">https://linked.data.gov.au/def/nrm/f795d7e8-1bc9-4efa-98b7-e19717c66282</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/f795d7e8-1bc9-4efa-98b7-e19717c66282">https://linked.data.gov.au/def/nrm/f795d7e8-1bc9-4efa-98b7-e19717c66282</a> is the IRI for "Soils segregations sizes codes". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-size/invalid.ttl</a>  |

### 3.1.40.11. Soil moisture status Observation

#### 3.1.40.11.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-moisture-status:feature-type</code>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/invalid.ttl</a> |

### 3.1.40.11.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-moisture-status:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils moisture statuses codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils moisture statuses codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><code>Dry</code><br><br><code>Moist</code>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/invalid.ttl</a></p> |

### 3.1.40.11.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-moisture-status:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/invalid.ttl</a></p> |

#### 3.1.40.11.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-moisture-status:site-visit">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-moisture-status:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/invalid.ttl</a></p> |

#### 3.1.40.11.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-moisture-status:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-moisture-status:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/invalid.ttl</p> |

### 3.1.40.11.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-moisture-status:value-type   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/invalid.ttl</p> |

### 3.1.40.11.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-moisture-status:vocabulary                                     |
| Label      | Vocabulary  |
| Definition | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>a1e434a8-3fbb-4323-a0ae-0e31308eba8b\$</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a1e434a8-3fbb-4323-a0ae-0e31308eba8b">https://linked.data.gov.au/def/nrm/a1e434a8-3fbb-4323-a0ae-0e31308eba8b</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/a1e434a8-3fbb-4323-a0ae-0e31308eba8b">https://linked.data.gov.au/def/nrm/a1e434a8-3fbb-4323-a0ae-0e31308eba8b</a> is the IRI for "Soils moisture statuses codes". |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-moisture-status/invalid.ttl</a></p>  |

### 3.1.40.12. Soil effervescence Observation

#### 3.1.40.12.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-effervescence:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-effervescence:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/invalid.ttl</a></p> |

### 3.1.40.12.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-effervescence:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils effervescences codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils effervescences codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Highly calcareous</a></li> <li><a href="#">Moderately calcareous</a></li> <li><a href="#">Non-calcareous</a></li> <li><a href="#">Not Collected</a></li> <li><a href="#">Slightly calcareous</a></li> <li><a href="#">Very highly calcareous</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/invalid.ttl</a></p>  |

### 3.1.40.12.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-effervescence:simple-result</a>  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/valid.ttl</code></p> <p>Invalid: <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/invalid.ttl</code></p> |

#### 3.1.40.12.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-effervescence:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/valid.ttl</code></p> <p>Invalid: <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/invalid.ttl</code></p> |

#### 3.1.40.12.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-effervescence:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/invalid.ttl</a>            |

### 3.1.40.12.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-effervescence:value-type</code>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/invalid.ttl</a> |

### 3.1.40.12.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-effervescence:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">4f3a874f-4629-498a-b270-6880ca43b3a6\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4f3a874f-4629-498a-b270-6880ca43b3a6">https://linked.data.gov.au/def/nrm/4f3a874f-4629-498a-b270-6880ca43b3a6</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/4f3a874f-4629-498a-b270-6880ca43b3a6">https://linked.data.gov.au/def/nrm/4f3a874f-4629-498a-b270-6880ca43b3a6</a> is the IRI for "Soils effervescences codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-effervescence/invalid.ttl</a>  |

### 3.1.40.13. Soil pan type Observation

#### 3.1.40.13.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-type:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/invalid.ttl</a> |

### 3.1.40.13.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-type:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils pan types codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils pan types codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Alcrete (bauxite)<br><br>Calcrete<br><br>Cultivation pan<br><br>Densipan<br><br>Duripan<br><br>Ferricrete<br><br>Fragipan<br><br>Manganiferous pan<br><br>Organic pan<br><br>Ortstein<br><br>Other pans<br><br>Red-brown hardpan<br><br>Silcrete<br><br>Thin ironpan<br><br>Zero or no pan  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/invalid.ttl</a> |

### 3.1.40.13.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-type:simple-result">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-type:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/invalid.ttl</a></p> |

#### 3.1.40.13.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-type:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/invalid.ttl</a></p> |

#### 3.1.40.13.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-type:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-type:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a><br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/invalid.ttl</a>                              |

### 3.1.40.13.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-type:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-type:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/invalid.ttl</a> |

### 3.1.40.13.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-type:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">995adb71-6439-4cd3-9ece-bb87a8a217c0\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/995adb71-6439-4cd3-9ece-bb87a8a217c0">https://linked.data.gov.au/def/nrm/995adb71-6439-4cd3-9ece-bb87a8a217c0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/995adb71-6439-4cd3-9ece-bb87a8a217c0">https://linked.data.gov.au/def/nrm/995adb71-6439-4cd3-9ece-bb87a8a217c0</a> is the IRI for "Soils pan types codes". |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-type/invalid.ttl</a>   |

### 3.1.40.14. Soil mottle type Observation

#### 3.1.40.14.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-type:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <code>soil horizon</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                             |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/invalid.ttl</a> |

### 3.1.40.14.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-type:result-value">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-type:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils mottle types codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils mottle types codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Colour patterns due to biological mixing of soil material from other horizons (e.g. worm casts).</a></li> <li><a href="#">Colour patterns due to inclusions of weathered substrate material.</a></li> <li><a href="#">Colour patterns due to mechanical mixing of soil material from other horizons (e.g. inclusions of B horizon material in Ap horizons).</a></li> </ul> <p><a href="#">Mottles</a></p> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/invalid.ttl</a></p>  |

### 3.1.40.14.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-type:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/invalid.ttl</a></p> |

#### 3.1.40.14.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-type:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/invalid.ttl</a></p> |

#### 3.1.40.14.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-type:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-type:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a><br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/invalid.ttl</a>                  |

### 3.1.40.14.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-type:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-type:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/invalid.ttl</a> |

### 3.1.40.14.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-type:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="#">b12461fc-166e-477b-a58c-60682848010e\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b12461fc-166e-477b-a58c-60682848010e">https://linked.data.gov.au/def/nrm/b12461fc-166e-477b-a58c-60682848010e</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b12461fc-166e-477b-a58c-60682848010e">https://linked.data.gov.au/def/nrm/b12461fc-166e-477b-a58c-60682848010e</a> is the IRI for "Soils mottle types codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-type/invalid.ttl</a>  |

### 3.1.40.15. Soil cutan distinctness Observation

#### 3.1.40.15.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-distinctness:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <code>soil horizon</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/invalid.ttl</a> |

### 3.1.40.15.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-distinctness:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils cutan distinctness codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils cutan distinctness codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Distinct</a><br><br><a href="#">Faint</a><br><br><a href="#">Prominent</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/invalid.ttl</a> |

### 3.1.40.15.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-distinctness:simple-result</a> |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/invalid.ttl</a></p> |

#### 3.1.40.15.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-distinctness:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/invalid.ttl</a></p> |

#### 3.1.40.15.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-distinctness:used-procedure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".                 |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/invalid.ttl</a></p> |

### 3.1.40.15.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-distinctness:value-type</code>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/invalid.ttl</a></p> |

### 3.1.40.15.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-distinctness:vocabulary">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-distinctness:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="e9ea1cd7-4e33-4086-b0ce-cd2f00c2b8ad\$">e9ea1cd7-4e33-4086-b0ce-cd2f00c2b8ad\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e9ea1cd7-4e33-4086-b0ce-cd2f00c2b8ad">https://linked.data.gov.au/def/nrm/e9ea1cd7-4e33-4086-b0ce-cd2f00c2b8ad</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e9ea1cd7-4e33-4086-b0ce-cd2f00c2b8ad">https://linked.data.gov.au/def/nrm/e9ea1cd7-4e33-4086-b0ce-cd2f00c2b8ad</a> is the IRI for "Soils cutan distinctness codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-distinctness/invalid.ttl</a>                                      |

### 3.1.40.16. Soil ph Observation

#### 3.1.40.16.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-ph:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-ph:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                 |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/invalid.ttl</a> |

### 3.1.40.16.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-ph:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .  |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/invalid.ttl</a> |

### 3.1.40.16.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-ph:site-visit</a>           |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .                          |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit. |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/shapes.ttl</a>         |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/invalid.ttl</a> |

#### 3.1.40.16.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-ph:unit-of-measure</a>  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:PH</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:PH</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/invalid.ttl</a> |

#### 3.1.40.16.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-ph:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/invalid.ttl</a> |

#### 3.1.40.16.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-ph:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a value between 0 and 14 inclusively.  |
| Comment             | Value <i>MUST</i> be between 0 and 14 inclusive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/invalid.ttl</a> |

#### 3.1.40.16.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-ph:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-ph/invalid.ttl</a> |

### 3.1.40.17. Soil coarse fragment alteration Observation

#### 3.1.40.17.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-alteration:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a> |

#### 3.1.40.17.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-alteration:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils coarse frag alterations codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils coarse frag alterations codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |

| Property              | Value  |
|-----------------------|--|
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br><b>Calcified</b><br><br><b>Ferruginised</b><br><br><b>Kaolinised</b><br><br><b>Other</b><br><br><b>Silicified</b>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a> |

### 3.1.40.17.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-alteration:simple-result">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-alteration:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <b>sosa:hasSimpleResult</b> <i>MUST</i> have a value that is the same as the value in the value node of <b>sosa:hasResult</b> .  |
| Comment             | Value of <b>sosa:hasSimpleResult</b> <i>MUST</i> be the same as the value in <b>sosa:hasResult</b> .   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a> |

#### 3.1.40.17.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-alteration:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a></p> |

#### 3.1.40.17.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-alteration:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a> |

### 3.1.40.17.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-alteration:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a> |

### 3.1.40.17.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-alteration:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">87f4f5fc-d24d-4865-9b11-9ca9ac5e159f\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/87f4f5fc-d24d-4865-9b11-9ca9ac5e159f">https://linked.data.gov.au/def/nrm/87f4f5fc-d24d-4865-9b11-9ca9ac5e159f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/87f4f5fc-d24d-4865-9b11-9ca9ac5e159f">https://linked.data.gov.au/def/nrm/87f4f5fc-d24d-4865-9b11-9ca9ac5e159f</a> is the IRI for "Soils coarse frag alterations codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-alteration/invalid.ttl</a> |

### 3.1.40.18. Soil mottle contrast Observation

#### 3.1.40.18.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-contrast:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-contrast:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/invalid.ttl</a> |

#### 3.1.40.18.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-contrast:result-value">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-contrast:result-value</a> |
| Label      | Result value  |
| Definition | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils mottle contrasts codes controlled vocabulary.   |
| Comment    | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils mottle contrasts codes controlled vocabulary.  |

| Property              | Value  |
|-----------------------|--|
| Status                | submitted ○  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br>Distinct<br><br>Faint<br><br>Prominent  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/invalid.ttl</a> |

### 3.1.40.18.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-contrast:simple-result">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-contrast:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/invalid.ttl</a> |

#### 3.1.40.18.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-contrast:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/invalid.ttl</a></p> |

#### 3.1.40.18.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-contrast:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/invalid.ttl</a> |

### 3.1.40.18.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-contrast:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/invalid.ttl</a> |

### 3.1.40.18.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-contrast:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">a0f8cc94-abbd-482b-8947-6017bc5f55e5\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a0f8cc94-abbd-482b-8947-6017bc5f55e5">https://linked.data.gov.au/def/nrm/a0f8cc94-abbd-482b-8947-6017bc5f55e5</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/a0f8cc94-abbd-482b-8947-6017bc5f55e5">https://linked.data.gov.au/def/nrm/a0f8cc94-abbd-482b-8947-6017bc5f55e5</a> is the IRI for "Soils mottle contrasts codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-contrast/invalid.ttl |

### 3.1.40.19. Soil pan continuity Observation

#### 3.1.40.19.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-continuity:feature-type   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/invalid.ttl |

#### 3.1.40.19.2. Result value

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-continuity:result-value   |
| Label      | Result value   |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils pan continuities codes controlled vocabulary.   |
| Comment    | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils pan continuities codes controlled vocabulary. |

| Property              | Value  |
|-----------------------|--|
| Status                | submitted ○  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br>Broken<br><br>Continuous<br><br>Discontinuous   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/invalid.ttl</a> |

### 3.1.40.19.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-continuity:simple-result">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-continuity:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/invalid.ttl</a> |

#### 3.1.40.19.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-continuity:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/invalid.ttl</a></p> |

#### 3.1.40.19.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-continuity:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/invalid.ttl</a> |

### 3.1.40.19.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-continuity:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/invalid.ttl</a> |

### 3.1.40.19.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-continuity:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">c80e269f-a328-4214-b690-849259e67e75\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c80e269f-a328-4214-b690-849259e67e75">https://linked.data.gov.au/def/nrm/c80e269f-a328-4214-b690-849259e67e75</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c80e269f-a328-4214-b690-849259e67e75">https://linked.data.gov.au/def/nrm/c80e269f-a328-4214-b690-849259e67e75</a> is the IRI for "Soils pan continuities codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-continuity/invalid.ttl</a> |

### 3.1.40.20. Coarse fragments size Observation

#### 3.1.40.20.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-size:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl</a> |

#### 3.1.40.20.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-size:result-value</a>  |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils coarse frag sizes codes controlled vocabulary.   |
| Comment    | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils coarse frag sizes codes controlled vocabulary. |

| Property              | Value   |
|-----------------------|---|
| Status                | submitted ○   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value MUST be from the following list:</p> <ul style="list-style-type: none"> <li>Bouldery or boulders (600-2000mm)</li> <li>Coarse gravelly or large pebbles (20-60mm)</li> <li>Cobbly or cobbles (60-200mm)</li> <li>Fine gravelly or small pebbles (2-6mm)</li> <li>Large Boulders (&gt;2000mm)</li> <li>Medium gravelly or medium pebbles (6-20mm)</li> <li>Not Applicable</li> <li>Not Collected</li> <li>Stony or stones (200-600mm)</li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl</a></p>   |

### 3.1.40.20.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-size:simple-result</a>   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl</a></p> |

#### 3.1.40.20.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-size:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl</a></p> |

#### 3.1.40.20.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-size:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl</a> |

### 3.1.40.20.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-size:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl</a> |

### 3.1.40.20.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-size:vocabulary</a> |

| Property            | Value  |
|---------------------|--|
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>06d01bf1-3863-44ea-95fe-4c62bb47b996\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/06d01bf1-3863-44ea-95fe-4c62bb47b996">https://linked.data.gov.au/def/nrm/06d01bf1-3863-44ea-95fe-4c62bb47b996</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/06d01bf1-3863-44ea-95fe-4c62bb47b996">https://linked.data.gov.au/def/nrm/06d01bf1-3863-44ea-95fe-4c62bb47b996</a> is the IRI for "Soils coarse frag sizes codes".</p> |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-size/invalid.ttl</a></p>  |

### 3.1.40.21. Soil mottle abundance Observation

#### 3.1.40.21.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-abundance:feature-type</code>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/invalid.ttl</a> |

### 3.1.40.21.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-abundance:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils mottle abundances codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils mottle abundances codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Common (10-20%)</a><br><br><a href="#">Few (2-10%)</a><br><br><a href="#">Many (20-50%)</a><br><br><a href="#">No mottles or other colour patterns</a><br><br><a href="#">Not Collected</a><br><br><a href="#">Very few (&lt;2%)</a> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/invalid.ttl</a>   |

### 3.1.40.21.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-abundance:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/invalid.ttl</a></p> |

### 3.1.40.21.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-abundance:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/invalid.ttl</a></p> |

### 3.1.40.21.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-abundance:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/invalid.ttl</a> |

### 3.1.40.21.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-abundance:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/invalid.ttl</a> |

### 3.1.40.21.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-abundance:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>100f6f80-d438-465a-8f57-5a76a038b961\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/100f6f80-d438-465a-8f57-5a76a038b961">https://linked.data.gov.au/def/nrm/100f6f80-d438-465a-8f57-5a76a038b961</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/100f6f80-d438-465a-8f57-5a76a038b961">https://linked.data.gov.au/def/nrm/100f6f80-d438-465a-8f57-5a76a038b961</a> is the IRI for "Soils mottle abundances codes". |
| Status              | submitted  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-abundance/invalid.ttl</a>   |

### 3.1.40.22. Coarse fragments abundance Observation

#### 3.1.40.22.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-abundance:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <code>soil horizon</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/invalid.ttl</a></p> |

### 3.1.40.22.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-abundance:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils coarse frag abundances codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils coarse frag abundances codes controlled vocabulary. |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Extremely or abundant (> 90%)<br><br>Moderately or many (20 - 50%)<br><br>No coarse fragments<br><br>No qualifier or common (10 - 20%)<br><br>Not Collected<br><br>Slightly or few (2-10%)<br><br>Very or abundant (50 - 90%)<br><br>Very slightly or very few (< 2%) |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/shapes.ttl  |
| Examples              | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/invalid.ttl   |

### 3.1.40.22.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-abundance:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/shapes.ttl   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/invalid.ttl</a> |

#### 3.1.40.22.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-abundance:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/invalid.ttl</a> |

#### 3.1.40.22.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-abundance:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/invalid.ttl |

### 3.1.40.22.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-abundance:value-type  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/invalid.ttl |

### 3.1.40.22.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-abundance:vocabulary                                  |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>bec608c4-3a66-4630-b666-cabb666ac8d2\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bec608c4-3a66-4630-b666-cabb666ac8d2">https://linked.data.gov.au/def/nrm/bec608c4-3a66-4630-b666-cabb666ac8d2</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bec608c4-3a66-4630-b666-cabb666ac8d2">https://linked.data.gov.au/def/nrm/bec608c4-3a66-4630-b666-cabb666ac8d2</a> is the IRI for "Soils coarse frag abundances codes". |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-abundance/invalid.ttl</a></p>                       |

### 3.1.40.23. Soil structure grade Observation

#### 3.1.40.23.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-grade:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-grade:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl</a></p> |

### 3.1.40.23.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-grade:result-value</code>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils structure grades codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils structure grades codes controlled vocabulary.   |
| Status                | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Massive</code></li> <li><code>Moderate</code></li> <li><code>Single grain</code></li> <li><code>Strong</code></li> <li><code>Weak</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl</code>   |
| Examples              | <p>Valid: <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl</code></p> <p>Invalid: <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl</code></p>                  |

### 3.1.40.23.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-grade:simple-result</code>   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl</a></p> |

#### 3.1.40.23.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-grade:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl</a></p> |

#### 3.1.40.23.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-grade:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl</a>    |

### 3.1.40.23.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-grade:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-grade:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl</a> |

### 3.1.40.23.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-grade:vocabulary">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-grade:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>0cfcb0fc-75e3-4de1-a2d3-78c357a3ce06\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0cfcb0fc-75e3-4de1-a2d3-78c357a3ce06">https://linked.data.gov.au/def/nrm/0cfcb0fc-75e3-4de1-a2d3-78c357a3ce06</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/0cfcb0fc-75e3-4de1-a2d3-78c357a3ce06">https://linked.data.gov.au/def/nrm/0cfcb0fc-75e3-4de1-a2d3-78c357a3ce06</a> is the IRI for "Soils structure grades codes".</p> |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-grade/invalid.ttl</a></p>   |

### 3.1.40.24. Soil texture modifier Observation

#### 3.1.40.24.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-modifier:feature-type</code>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <code>soil horizon</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                       |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/invalid.ttl</a> |

### 3.1.40.24.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-modifier:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils texture modifiers codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils texture modifiers codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Coarse sandy</a><br><br><a href="#">Fine sandy</a><br><br><a href="#">Medium sandy</a><br><br><a href="#">Silty</a>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/invalid.ttl</a> |

### 3.1.40.24.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-modifier:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/invalid.ttl</a></p> |

#### 3.1.40.24.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-modifier:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/invalid.ttl</a></p> |

#### 3.1.40.24.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-modifier:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-modifier:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a><br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".    |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/invalid.ttl</a> |

### 3.1.40.24.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-modifier:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-modifier:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/invalid.ttl</a> |

### 3.1.40.24.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-modifier:vocabulary">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-modifier:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="65d26894-1b2e-4c80-92ee-fa420142ed67\$">65d26894-1b2e-4c80-92ee-fa420142ed67\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/65d26894-1b2e-4c80-92ee-fa420142ed67">https://linked.data.gov.au/def/nrm/65d26894-1b2e-4c80-92ee-fa420142ed67</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/65d26894-1b2e-4c80-92ee-fa420142ed67">https://linked.data.gov.au/def/nrm/65d26894-1b2e-4c80-92ee-fa420142ed67</a> is the IRI for "Soils texture modifiers codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-modifier/invalid.ttl</a>   |

### 3.1.40.25. Soil mottle color Observation

#### 3.1.40.25.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-color:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-color:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <code>soil horizon</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                               |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/invalid.ttl</a> |

### 3.1.40.25.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-color:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils mottle colours codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils mottle colours codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Brown</a><br><br><a href="#">Dark</a><br><br><a href="#">Gley</a><br><br><a href="#">Grey</a><br><br><a href="#">Not Applicable</a><br><br><a href="#">Not Collected</a><br><br><a href="#">Orange</a><br><br><a href="#">Pale</a><br><br><a href="#">Red</a><br><br><a href="#">Yellow</a> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/shapes.ttl</a>  |
| Examples   | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/invalid.ttl</a></p> |

### 3.1.40.25.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-color:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/invalid.ttl</a></p> |

### 3.1.40.25.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-color:site-visit</a>        |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.        |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/shapes.ttl   |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/invalid.ttl |

### 3.1.40.25.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-color:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/invalid.ttl  |

### 3.1.40.25.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-color:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                       |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .      |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/invalid.ttl</p> |

### 3.1.40.25.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-color:vocabulary  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>a6d2b7d3-fe4f-4bf6-82ce-d53ae951cb7d\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a6d2b7d3-fe4f-4bf6-82ce-d53ae951cb7d">https://linked.data.gov.au/def/nrm/a6d2b7d3-fe4f-4bf6-82ce-d53ae951cb7d</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/a6d2b7d3-fe4f-4bf6-82ce-d53ae951cb7d">https://linked.data.gov.au/def/nrm/a6d2b7d3-fe4f-4bf6-82ce-d53ae951cb7d</a> is the IRI for "Soils mottle colours codes".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-color/invalid.ttl</p>   |

### 3.1.40.26. Soil coarse fragment strength Observation

#### 3.1.40.26.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-strength:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl</a></p> |

### 3.1.40.26.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-strength:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils coarse frag strengths codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils coarse frag strengths codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Moderately strong rock (50-100 MPa)<br><br>Strong rock (100-200 MPa)<br><br>Very strong rock (>200 MPa)<br><br>Very weak rock (1-35 MPa)<br><br>Weak rock (25-50 MPa)   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl   |
| Examples              | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl |

### 3.1.40.26.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-strength:simple-result  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl |

#### 3.1.40.26.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-strength:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl</a></p> |

#### 3.1.40.26.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-strength:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl</a> |

### 3.1.40.26.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-strength:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl</a> |

### 3.1.40.26.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-coarse-fragment-strength:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">1ac1c1c1-5a64-47e4-b593-aabfef57e46\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1ac1c1c1-5a64-47e4-b593-aabfef57e46">https://linked.data.gov.au/def/nrm/1ac1c1c1-5a64-47e4-b593-aabfef57e46</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1ac1c1c1-5a64-47e4-b593-aabfef57e46">https://linked.data.gov.au/def/nrm/1ac1c1c1-5a64-47e4-b593-aabfef57e46</a> is the IRI for "Soils coarse frag strengths codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/shapes.ttl   |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-coarse-fragment-strength/invalid.ttl |

### 3.1.40.27. Soil pan cementation Observation

#### 3.1.40.27.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-cementation:feature-type  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl |

#### 3.1.40.27.2. Result value

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-cementation:result-value  |
| Label      | Result value   |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils pan cementations codes controlled vocabulary.   |
| Comment    | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils pan cementations codes controlled vocabulary. |

| Property              | Value   |
|-----------------------|---|
| Status                | submitted ○   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value MUST be from the following list:</p> <ul style="list-style-type: none"> <li>Moderately cemented</li> <li>Strongly cemented</li> <li>Uncemented</li> <li>Very strongly cemented</li> <li>Weakly cemented</li> </ul>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl</a></p> |

### 3.1.40.27.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-cementation:simple-result">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-cementation:simple-result</a> |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl</a> |

#### 3.1.40.27.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-cementation:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl</a> |

#### 3.1.40.27.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-cementation:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl</a></p> |

### 3.1.40.27.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-cementation:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl</a></p> |

### 3.1.40.27.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-pan-cementation:vocabulary</a>                        |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>ad3e7729-fbe4-4b93-8428-74f6ced865c1\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/ad3e7729-fbe4-4b93-8428-74f6ced865c1">https://linked.data.gov.au/def/nrm/ad3e7729-fbe4-4b93-8428-74f6ced865c1</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/ad3e7729-fbe4-4b93-8428-74f6ced865c1">https://linked.data.gov.au/def/nrm/ad3e7729-fbe4-4b93-8428-74f6ced865c1</a> is the IRI for "Soils pan cementations codes". |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-pan-cementation/invalid.ttl</a>  |

### 3.1.40.28. Soil texture grade Observation

#### 3.1.40.28.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-grade:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-grade:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/invalid.ttl</a> |

### 3.1.40.28.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-grade:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils texture grades codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils texture grades codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Clay loam<br><br>Clay loam sandy<br><br>Clayey sand<br><br>Heavy clay<br><br>Light clay<br><br>Light medium clay<br><br>Loam<br><br>Loamy sand<br><br>Medium clay<br><br>Medium heavy clay<br><br>Not Applicable<br><br>Not Collected<br><br>Sand<br><br>Sandy clay loam<br><br>Sandy loam<br><br>Silty clay loam<br><br>Silty loam |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/shapes.ttl  |
| Examples              | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/invalid.ttl   |

### 3.1.40.28.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-grade:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/invalid.ttl</a></p> |

### 3.1.40.28.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-grade:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/invalid.ttl</a></p> |

### 3.1.40.28.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-grade:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/invalid.ttl</a>            |

### 3.1.40.28.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-grade:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/invalid.ttl</a> |

### 3.1.40.28.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-grade:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">ecdc81a-cbe9-4113-b9e9-422a0e6c751f\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/ecdc81a-cbe9-4113-b9e9-422a0e6c751f">https://linked.data.gov.au/def/nrm/ecdc81a-cbe9-4113-b9e9-422a0e6c751f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/ecdc81a-cbe9-4113-b9e9-422a0e6c751f">https://linked.data.gov.au/def/nrm/ecdc81a-cbe9-4113-b9e9-422a0e6c751f</a> is the IRI for "Soils texture grades codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-grade/invalid.ttl</a>  |

### 3.1.40.29. Horizon boundary shape Observation

#### 3.1.40.29.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-shape:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/invalid.ttl</a></p> |

### 3.1.40.29.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-shape:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils horizon boundary shapes codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils horizon boundary shapes codes controlled vocabulary.   |
| Status                | submitted ○   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li>Broken</li> <li>Irregular</li> <li>Smooth</li> <li>Tongued</li> <li>Wavy</li> </ul>                |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/invalid.ttl</a> |

#### 3.1.40.29.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-shape:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/invalid.ttl</a> |

#### 3.1.40.29.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-shape:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.        |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/invalid.ttl |

### 3.1.40.29.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-shape:used-procedure   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/invalid.ttl  |

### 3.1.40.29.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-shape:value-type |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                            |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .           |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/invalid.ttl</p> |

### 3.1.40.29.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-shape:vocabulary  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>2f514fb5-6c23-4fff-beed-858722a0f586\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/2f514fb5-6c23-4fff-beed-858722a0f586">https://linked.data.gov.au/def/nrm/2f514fb5-6c23-4fff-beed-858722a0f586</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/2f514fb5-6c23-4fff-beed-858722a0f586">https://linked.data.gov.au/def/nrm/2f514fb5-6c23-4fff-beed-858722a0f586</a> is the IRI for "Soils horizon boundary shapes codes".</p> |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-shape/invalid.ttl</p>  |

### 3.1.40.30. R horizon depth Observation

#### 3.1.40.30.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:r-horizon-depth:feature-type |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/invalid.ttl</a></p> |

### 3.1.40.30.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:r-horizon-depth:simple-result</code>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/invalid.ttl</a></p> |

### 3.1.40.30.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:r-horizon-depth:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/invalid.ttl</a></p> |

#### 3.1.40.30.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:r-horizon-depth:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/invalid.ttl</a></p> |

#### 3.1.40.30.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:r-horizon-depth:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:r-horizon-depth:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a><br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/invalid.ttl</a>                      |

### 3.1.40.30.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:r-horizon-depth:value-range">urn:shapes:soil-soil-pit-characterization-protocol-shapes:r-horizon-depth:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/invalid.ttl</a> |

### 3.1.40.30.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:r-horizon-depth:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/r-horizon-depth/invalid.ttl</a></p> |

### 3.1.40.31. Soil voids fine macropore abundance Observation

#### 3.1.40.31.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-fine-macropore-abundance:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl</a></p> |

### 3.1.40.31.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-fine-macropore-abundance:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils fine macropore abundances codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils fine macropore abundances codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Common</a></li> <li><a href="#">Few</a></li> <li><a href="#">Many</a></li> <li><a href="#">No very fine or fine macropores</a></li> </ul>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl</a></p> |

### 3.1.40.31.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-fine-macropore-abundance:simple-result</a>                                   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl</a> |

#### 3.1.40.31.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-fine-macropore-abundance:site-visit">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-fine-macropore-abundance:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.   |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl</a> |

#### 3.1.40.31.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-fine-macropore-abundance:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-fine-macropore-abundance:used-procedure</a>         |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl</a> |

### 3.1.40.31.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-fine-macropore-abundance:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-fine-macropore-abundance:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl</a> |

### 3.1.40.31.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-fine-macropore-abundance:vocabulary">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-fine-macropore-abundance:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>5c685afb-1a56-4261-93f1-8440fbc65ef3\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5c685afb-1a56-4261-93f1-8440fbc65ef3">https://linked.data.gov.au/def/nrm/5c685afb-1a56-4261-93f1-8440fbc65ef3</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/5c685afb-1a56-4261-93f1-8440fbc65ef3">https://linked.data.gov.au/def/nrm/5c685afb-1a56-4261-93f1-8440fbc65ef3</a> is the IRI for "Soils fine macropore abundances codes".</p>      |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-fine-macropore-abundance/invalid.ttl</a></p> |

### 3.1.40.32. Soil mottle size Observation

#### 3.1.40.32.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-size:feature-type</code>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/invalid.ttl</a> |

### 3.1.40.32.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-size:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils mottle sizes codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils mottle sizes codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Coarse (15-30mm)</a><br><br><a href="#">Fine (&lt;5mm)</a><br><br><a href="#">Medium (5-15mm)</a><br><br><a href="#">Not Applicable</a><br><br><a href="#">Not Collected</a><br><br><a href="#">Very coarse (&gt;30mm)</a> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/invalid.ttl</a>   |

### 3.1.40.32.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-size:SimpleResult</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/invalid.ttl</a></p> |

### 3.1.40.32.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-size:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/invalid.ttl</a></p> |

### 3.1.40.32.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-size:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-size:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/invalid.ttl</a>                    |

### 3.1.40.32.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-size:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-size:value-type</a>     |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/invalid.ttl</a> |

### 3.1.40.32.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-mottle-size:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">c8dd7af4-8e57-4f59-848a-66712349754a\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c8dd7af4-8e57-4f59-848a-66712349754a">https://linked.data.gov.au/def/nrm/c8dd7af4-8e57-4f59-848a-66712349754a</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c8dd7af4-8e57-4f59-848a-66712349754a">https://linked.data.gov.au/def/nrm/c8dd7af4-8e57-4f59-848a-66712349754a</a> is the IRI for "Soils mottle sizes codes". |
| Status              | submitted   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-mottle-size/invalid.ttl</a>  |

### 3.1.40.33. Soil texture qualification Observation

#### 3.1.40.33.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-qualification:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/invalid.ttl</p> |

### 3.1.40.33.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-qualification:result-value  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils texture qualifications codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils texture qualifications codes controlled vocabulary.         |
| Status                | submitted ○  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li>Fibric</li> <li>Heavy</li> <li>Light</li> <li>Sapric</li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/shapes.ttl  |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/invalid.ttl</a></p> |

#### 3.1.40.33.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-qualification:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/invalid.ttl</a></p> |

#### 3.1.40.33.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-qualification:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                      |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.          |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/invalid.ttl |

### 3.1.40.33.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-qualification:used-procedure   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/invalid.ttl  |

### 3.1.40.33.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-qualification:value-type |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                                |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .               |
| Status     | submitted    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/invalid.ttl</a></p> |

### 3.1.40.33.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-qualification:vocabulary">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-texture-qualification:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="367b9d17-0e08-4ad4-9c44-20e8c3f515fb\$">367b9d17-0e08-4ad4-9c44-20e8c3f515fb\$</a> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/367b9d17-0e08-4ad4-9c44-20e8c3f515fb">https://linked.data.gov.au/def/nrm/367b9d17-0e08-4ad4-9c44-20e8c3f515fb</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/367b9d17-0e08-4ad4-9c44-20e8c3f515fb">https://linked.data.gov.au/def/nrm/367b9d17-0e08-4ad4-9c44-20e8c3f515fb</a> is the IRI for "Soils texture qualifications codes".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-texture-qualification/invalid.ttl</a></p>                             |

### 3.1.40.34. Soil compound pedality Observation

#### 3.1.40.34.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-compound-pedality:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-compound-pedality:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/invalid.ttl</a></p> |

### 3.1.40.34.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-compound-pedality:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils structure compound pedalities codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils structure compound pedalities codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <p>Largest peds (in the type of soil observation described), parting to</p> <p>Next size peds, ... and further, if required, to the primary ped.</p> <p>Next size peds, parting to</p> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/invalid.ttl</a> |

#### 3.1.40.34.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-compound-pedality:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/invalid.ttl</a> |

#### 3.1.40.34.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-compound-pedality:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.        |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/invalid.ttl |

### 3.1.40.34.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-compound-pedality:used-procedure   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/invalid.ttl  |

### 3.1.40.34.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-compound-pedality:value-type |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                            |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .           |
| Status     | submitted <input type="radio"/>   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/invalid.ttl</p> |

### 3.1.40.34.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-compound-pedality:vocabulary  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>75de6044-7575-472a-9a72-2c9006a8c9b1\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/75de6044-7575-472a-9a72-2c9006a8c9b1">https://linked.data.gov.au/def/nrm/75de6044-7575-472a-9a72-2c9006a8c9b1</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/75de6044-7575-472a-9a72-2c9006a8c9b1">https://linked.data.gov.au/def/nrm/75de6044-7575-472a-9a72-2c9006a8c9b1</a> is the IRI for "Soils structure compound pedalities codes".</p> |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-compound-pedality/invalid.ttl</p>  |

### 3.1.40.35. Soil segregation strength Observation

#### 3.1.40.35.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-strength:feature-type |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/invalid.ttl</a></p> |

### 3.1.40.35.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-strength:result-value">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-strength:result-value</a> |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils segregation strengths codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils segregation strengths codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value MUST be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Strong</a></li> <li><a href="#">Weak</a></li> </ul>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/invalid.ttl</a> |

#### 3.1.40.35.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-strength:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/invalid.ttl</a> |

#### 3.1.40.35.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-strength:site-visit</a> |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                     |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.         |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/shapes.ttl   |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/invalid.ttl |

### 3.1.40.35.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-strength:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/invalid.ttl  |

### 3.1.40.35.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-strength:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                               |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .              |
| Status     | submitted <input type="radio"/>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/invalid.ttl</p> |

### 3.1.40.35.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-strength:vocabulary   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>ff36816d-ee76-4c55-a41f-8618ccd3860a\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/ff36816d-ee76-4c55-a41f-8618ccd3860a">https://linked.data.gov.au/def/nrm/ff36816d-ee76-4c55-a41f-8618ccd3860a</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/ff36816d-ee76-4c55-a41f-8618ccd3860a">https://linked.data.gov.au/def/nrm/ff36816d-ee76-4c55-a41f-8618ccd3860a</a> is the IRI for "Soils segregation strengths codes".</p> |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-strength/invalid.ttl</p>  |

### 3.1.40.36. Horizon boundary distinctness Observation

#### 3.1.40.36.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-distinctness:feature-type |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.40.36.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-distinctness:result-value">urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-distinctness:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils horizon boundary distinctness codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils horizon boundary distinctness codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Abrupt (5-20mm)</a></li> <li><a href="#">Clear (20-50mm)</a></li> <li><a href="#">Diffuse (&gt;100mm)</a></li> <li><a href="#">Gradual (50-100mm)</a></li> <li><a href="#">Sharp (&lt;5mm)</a></li> </ul> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.40.36.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-distinctness:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.40.36.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-distinctness:site-visit</a> |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment    | Observations following the Soil pit characterization protocol are made in the context of a site visit.             |
| Status     | <a href="#">submitted</a>       |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.40.36.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-distinctness:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-distinctness:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p>                                   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.40.36.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-distinctness:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-distinctness:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.40.36.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:horizon-boundary-distinctness:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">1c6b54da-bb31-4496-974e-050531b15e30\$</a> .  |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1c6b54da-bb31-4496-974e-050531b15e30">https://linked.data.gov.au/def/nrm/1c6b54da-bb31-4496-974e-050531b15e30</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1c6b54da-bb31-4496-974e-050531b15e30">https://linked.data.gov.au/def/nrm/1c6b54da-bb31-4496-974e-050531b15e30</a> is the IRI for "Soils horizon boundary distinctness codes".</p> |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a></p>                              |

### 3.1.40.37. Soil matrix wet color Observation

### 3.1.40.37.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-wet-color:datatype</a>  |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/invalid.ttl</a></p> |

### 3.1.40.37.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-wet-color:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/invalid.ttl</a></p> |

### 3.1.40.37.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-wet-color:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/invalid.ttl</a></p> |

### 3.1.40.37.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-wet-color:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/invalid.ttl</a></p> |

### 3.1.40.37.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-wet-color:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-wet-color:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/invalid.ttl</a> |

### 3.1.40.37.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-wet-color:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-wet-color:value-type</a>     |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Text</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Text</code> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-wet-color/invalid.ttl</a> |

### 3.1.40.38. Coarse fragments shape Observation

#### 3.1.40.38.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-shape:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/invalid.ttl</a> |

#### 3.1.40.38.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-shape:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils coarse frag shapes codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils coarse frag shapes codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |

| Property              | Value  |
|-----------------------|--|
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br>Angular<br><br>Angular platy<br><br>Angular tabular<br><br>Not Applicable<br><br>Not Collected<br><br>Rounded<br><br>Rounded platy<br><br>Rounded tabular<br><br>Subangular<br><br>Subangular platy<br><br>Subangular tabular<br><br>Subrounded<br><br>Subrounded platy<br><br>Subrounded tabular |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/invalid.ttl</a>   |

### 3.1.40.38.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-shape:simple-result</a> |
| Label      | Simple result  |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/invalid.ttl</a></p> |

#### 3.1.40.38.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-shape:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/invalid.ttl</a></p> |

#### 3.1.40.38.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-shape:used-procedure</code> |

| Property            | Value  |
|---------------------|--|
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".      |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/invalid.ttl</a> |

### 3.1.40.38.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-shape:value-type</code>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/invalid.ttl</a> |

### 3.1.40.38.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-shape:vocabulary">urn:shapes:soil-soil-pit-characterization-protocol-shapes:coarse-fragments-shape:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="13c84b19-e2bb-48c4-93db-465bcad2dbb5\$">13c84b19-e2bb-48c4-93db-465bcad2dbb5\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/13c84b19-e2bb-48c4-93db-465bcad2dbb5">https://linked.data.gov.au/def/nrm/13c84b19-e2bb-48c4-93db-465bcad2dbb5</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/13c84b19-e2bb-48c4-93db-465bcad2dbb5">https://linked.data.gov.au/def/nrm/13c84b19-e2bb-48c4-93db-465bcad2dbb5</a> is the IRI for "Soils coarse frag shapes codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/coarse-fragments-shape/invalid.ttl</a>  |

### 3.1.40.39. Soil horizon suffix Observation

#### 3.1.40.39.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-suffix:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-suffix:feature-type</a> |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/invalid.ttl</a> |

### 3.1.40.39.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-suffix:result-value</a>   |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils horizon suffixes codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils horizon suffixes codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | The result value MUST be from the following list:<br>?<br>b<br>c<br>d<br>e<br>f<br>g<br>h<br>j<br>k<br>m<br>p<br>q<br>r<br>s<br>t<br>w<br>x<br>y<br>z   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/invalid.ttl</a> |

### 3.1.40.39.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-suffix:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/invalid.ttl</a> |

### 3.1.40.39.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-suffix:site-visit</a>      |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.        |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/shapes.ttl   |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/invalid.ttl |

### 3.1.40.39.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-suffix:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/invalid.ttl  |

### 3.1.40.39.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-suffix:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                         |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .        |
| Status     | submitted ○  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/invalid.ttl |

### 3.1.40.39.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-suffix:vocabulary  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>31d3921f-1fcf-4ec2-99a6-749c7b9e4798\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/31d3921f-1fcf-4ec2-99a6-749c7b9e4798">https://linked.data.gov.au/def/nrm/31d3921f-1fcf-4ec2-99a6-749c7b9e4798</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/31d3921f-1fcf-4ec2-99a6-749c7b9e4798">https://linked.data.gov.au/def/nrm/31d3921f-1fcf-4ec2-99a6-749c7b9e4798</a> is the IRI for "Soils horizon suffixes codes". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-suffix/invalid.ttl  |

### 3.1.40.40. Soil horizon Observation

#### 3.1.40.40.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon:feature-type |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/invalid.ttl</a></p> |

### 3.1.40.40.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon:result-value</code>  |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils horizon details codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils horizon details codes controlled vocabulary. |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>A<br><br>A1<br><br>A2<br><br>A3<br><br>B<br><br>B1<br><br>B2<br><br>B3<br><br>C<br><br>D<br><br>O<br><br>01<br><br>02<br><br>P<br><br>P1<br><br>P2<br><br>R   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/invalid.ttl</a> |

### 3.1.40.40.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/invalid.ttl</a></p> |

### 3.1.40.40.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/invalid.ttl</a></p> |

### 3.1.40.40.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/invalid.ttl</a>                                    |

### 3.1.40.40.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/invalid.ttl</a> |

### 3.1.40.40.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>bcd57c16-0e94-48c9-aee7-296a0e13b3ca\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bcd57c16-0e94-48c9-aee7-296a0e13b3ca">https://linked.data.gov.au/def/nrm/bcd57c16-0e94-48c9-aee7-296a0e13b3ca</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bcd57c16-0e94-48c9-aee7-296a0e13b3ca">https://linked.data.gov.au/def/nrm/bcd57c16-0e94-48c9-aee7-296a0e13b3ca</a> is the IRI for "Soils horizon details codes". |
| Status              | submitted  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon/invalid.ttl</a>   |

### 3.1.40.41. Soil voids cracks Observation

#### 3.1.40.41.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-cracks:feature-type</a>  |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <code>soil horizon</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/invalid.ttl</a></p> |

### 3.1.40.41.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-cracks:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils void cracks codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils void cracks codes controlled vocabulary.   |
| Status                | submitted ○   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Coarse (10-20mm)</a></li> <li><a href="#">Extremely coarse (&gt;50mm)</a></li> <li><a href="#">Fine (&lt;5mm)</a></li> <li><a href="#">Medium (5-10mm)</a></li> <li><a href="#">Very coarse (20-50mm)</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/invalid.ttl</a> |

#### 3.1.40.41.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-cracks:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/invalid.ttl</a> |

#### 3.1.40.41.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-cracks:site-visit</a>        |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.        |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/shapes.ttl   |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/invalid.ttl |

### 3.1.40.41.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-cracks:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/invalid.ttl  |

### 3.1.40.41.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-cracks:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                       |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .      |
| Status     | submitted <input type="radio"/>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/invalid.ttl</a></p> |

### 3.1.40.41.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-cracks:vocabulary">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-cracks:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>1acac98b-808d-4efa-aa27-a0cb7782e63f\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1acac98b-808d-4efa-aa27-a0cb7782e63f">https://linked.data.gov.au/def/nrm/1acac98b-808d-4efa-aa27-a0cb7782e63f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/1acac98b-808d-4efa-aa27-a0cb7782e63f">https://linked.data.gov.au/def/nrm/1acac98b-808d-4efa-aa27-a0cb7782e63f</a> is the IRI for "Soils void cracks codes".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-cracks/invalid.ttl</a></p>  |

### 3.1.40.42. Asc suborder Observation

#### 3.1.40.42.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-suborder:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-suborder:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil subsite</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil subsite</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/invalid.ttl</a></p> |

### 3.1.40.42.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-suborder:result-value</code>  |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils asc classes codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils asc classes codes controlled vocabulary. |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Acidic</p> <p>Acidic-Mottled</p> <p>Acidic-Sodic</p> <p>Aeric</p> <p>Andic</p> <p>Aquic</p> <p>Aquic-Hypersulfidic</p> <p>Aquic-Sulfuric</p> <p>Arenaceous</p> <p>Arenic</p> <p>Arenosolic</p> <p>Argic</p> <p>Argillaceous</p> <p>BLeached-Mottled</p> <p>Basic</p> <p>Bauxitic</p> <p>Black</p> <p>Bleached</p> <p>Bleached-Acidic</p> <p>Bleached-Ferric</p> <p>Bleached-Leptic</p> <p>Bleached-Magnesic</p> <p>Bleached-Manganic</p> |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/invalid.ttl</a> |

#### 3.1.40.42.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-suborder:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/invalid.ttl</a> |

#### 3.1.40.42.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-suborder:site-visit</a>             |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment    | Observations following the Soil pit characterization protocol are made in the context of a site visit.        |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/invalid.ttl</p> |

### 3.1.40.42.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-suborder:used-procedure   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/invalid.ttl</p>   |

### 3.1.40.42.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-suborder:value-type |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/invalid.ttl</a></p> |

### 3.1.40.42.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-suborder:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">430ebf92-824e-4dc6-9410-2b454fe8a063\$</a> .  |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/430ebf92-824e-4dc6-9410-2b454fe8a063">https://linked.data.gov.au/def/nrm/430ebf92-824e-4dc6-9410-2b454fe8a063</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/430ebf92-824e-4dc6-9410-2b454fe8a063">https://linked.data.gov.au/def/nrm/430ebf92-824e-4dc6-9410-2b454fe8a063</a> is the IRI for "Soils asc classes codes".</p> |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-suborder/invalid.ttl</a></p>  |

### 3.1.40.43. Soil structure type Observation

### 3.1.40.43.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-type:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/invalid.ttl</a></p> |

### 3.1.40.43.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-type:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils structure types codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils structure types codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | The result value MUST be from the following list:<br><code>Angular blocky</code><br><code>Cast</code><br><code>Clod</code><br><code>Columnar</code><br><code>Fragment</code><br><code>Granular</code><br><code>Lenticular</code><br><code>Platy</code><br><code>Polyhedral</code><br><code>Prismatic</code><br><code>Subangular blocky</code> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/shapes.ttl</code>   |
| Examples              | Valid: <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/valid.ttl</code><br><br>Invalid: <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/invalid.ttl</code>  |

### 3.1.40.43.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-type:simple-result</code>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/invalid.ttl</a> |

#### 3.1.40.43.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-type:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/invalid.ttl</a> |

#### 3.1.40.43.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-type:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/invalid.ttl</a>        |

### 3.1.40.43.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-type:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/invalid.ttl</a> |

### 3.1.40.43.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-type:vocabulary</a> |

| Property            | Value  |
|---------------------|--|
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>ba792941-7941-43c8-b992-b7f54dddf14c\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/ba792941-7941-43c8-b992-b7f54dddf14c">https://linked.data.gov.au/def/nrm/ba792941-7941-43c8-b992-b7f54dddf14c</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/ba792941-7941-43c8-b992-b7f54dddf14c">https://linked.data.gov.au/def/nrm/ba792941-7941-43c8-b992-b7f54dddf14c</a> is the IRI for "Soils structure types codes".</p> |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-type/invalid.ttl</a></p>  |

### 3.1.40.44. Soil structure size Observation

#### 3.1.40.44.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-size:feature-type</code>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <code>soil horizon</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                                   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/invalid.ttl</a> |

### 3.1.40.44.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-size:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils structure sizes codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils structure sizes codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <p><a href="#">10-20mm</a></p> <p><a href="#">100-200mm</a></p> <p><a href="#">2-5mm</a></p> <p><a href="#">20-50mm</a></p> <p><a href="#">200-500mm</a></p> <p><a href="#">5-10mm</a></p> <p><a href="#">50-100mm</a></p> <p><a href="#">&lt;2mm</a></p> <p><a href="#">&gt;500mm</a></p> <p><a href="#">Not Applicable</a></p> <p><a href="#">Not Collected</a></p> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/invalid.ttl</a></p> |

#### 3.1.40.44.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-size:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/invalid.ttl</a></p> |

#### 3.1.40.44.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-size:site-visit</a>      |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment    | Observations following the Soil pit characterization protocol are made in the context of a site visit.        |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/invalid.ttl</p> |

#### 3.1.40.44.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-size:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/invalid.ttl</p>   |

#### 3.1.40.44.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-size:value-type |
| Label      | Value type   |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/invalid.ttl</a></p> |

### 3.1.40.44.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-structure-size:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">f5226b34-eac7-42c3-9730-b7fdb2479697\$</a> .  |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f5226b34-eac7-42c3-9730-b7fdb2479697">https://linked.data.gov.au/def/nrm/f5226b34-eac7-42c3-9730-b7fdb2479697</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/f5226b34-eac7-42c3-9730-b7fdb2479697">https://linked.data.gov.au/def/nrm/f5226b34-eac7-42c3-9730-b7fdb2479697</a> is the IRI for "Soils structure sizes codes".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-structure-size/invalid.ttl</a></p>  |

### 3.1.40.45. Soil cutan type Observation

### 3.1.40.45.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-type:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/invalid.ttl</a></p> |

### 3.1.40.45.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-type:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils cutan types codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils cutan types codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Clay skins<br><br>Mangans<br><br>Other cutans<br><br>Stress cutans<br><br>Unspecified<br><br>Zero or no cutans  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/invalid.ttl</a> |

### 3.1.40.45.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-type:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/invalid.ttl</a> |

#### 3.1.40.45.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-type:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/invalid.ttl</a></p> |

#### 3.1.40.45.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-type:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/invalid.ttl</a> |

### 3.1.40.45.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-type:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/invalid.ttl</a> |

### 3.1.40.45.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-type:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">e2e7323b-774a-4be0-a40d-2d52e042dd17\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e2e7323b-774a-4be0-a40d-2d52e042dd17">https://linked.data.gov.au/def/nrm/e2e7323b-774a-4be0-a40d-2d52e042dd17</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e2e7323b-774a-4be0-a40d-2d52e042dd17">https://linked.data.gov.au/def/nrm/e2e7323b-774a-4be0-a40d-2d52e042dd17</a> is the IRI for "Soils cutan types codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/shapes.ttl   |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-type/invalid.ttl |

### 3.1.40.46. Soil segregation abundance Observation

#### 3.1.40.46.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-abundance:feature-type  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/invalid.ttl |

#### 3.1.40.46.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-abundance:result-value   |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils segregations abundances codes controlled vocabulary.   |
| Comment    | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils segregations abundances codes controlled vocabulary. |

| Property              | Value   |
|-----------------------|---|
| Status                | submitted ○   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value MUST be from the following list:</p> <ul style="list-style-type: none"> <li>Common (10-20%)</li> <li>Few (2-10%)</li> <li>Many (20-50%)</li> <li>No segregations</li> <li>Not Collected</li> <li>Very few (&lt;2%)</li> <li>Very many (&gt;50%)</li> </ul>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/invalid.ttl</a></p> |

### 3.1.40.46.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-abundance:simple-result">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-abundance:simple-result</a> |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/invalid.ttl</a></p> |

#### 3.1.40.46.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-abundance:site-visit">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-abundance:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/invalid.ttl</a></p> |

#### 3.1.40.46.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-abundance:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-abundance:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/invalid.ttl</p> |

#### 3.1.40.46.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-abundance:value-type   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/invalid.ttl</p> |

#### 3.1.40.46.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-abundance:vocabulary                               |
| Label      | Vocabulary  |
| Definition | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>9b4820fb-6ee1-439c-8972-f642b9a7b5f8\$</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9b4820fb-6ee1-439c-8972-f642b9a7b5f8">https://linked.data.gov.au/def/nrm/9b4820fb-6ee1-439c-8972-f642b9a7b5f8</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/9b4820fb-6ee1-439c-8972-f642b9a7b5f8">https://linked.data.gov.au/def/nrm/9b4820fb-6ee1-439c-8972-f642b9a7b5f8</a> is the IRI for "Soils segregations abundances codes". |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-abundance/invalid.ttl</a>                               |

### 3.1.40.47. Soil fabric details Observation

#### 3.1.40.47.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-fabric-details:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-fabric-details:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl</a> |

### 3.1.40.47.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-fabric-details:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils fabric details codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils fabric details codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Earthy</a></li> <li><a href="#">Rough-ped</a></li> <li><a href="#">Sandy (grains prominent)</a></li> <li><a href="#">Smooth-ped</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl</a></p>               |

### 3.1.40.47.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-fabric-details:simple-result</a>   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl</a> |

#### 3.1.40.47.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-fabric-details:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl</a> |

#### 3.1.40.47.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-fabric-details:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl</a>        |

### 3.1.40.47.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-fabric-details:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl</a> |

### 3.1.40.47.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-fabric-details:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>2d1d8394-6641-4d74-988a-8ec66425ffdd\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/2d1d8394-6641-4d74-988a-8ec66425ffdd">https://linked.data.gov.au/def/nrm/2d1d8394-6641-4d74-988a-8ec66425ffdd</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/2d1d8394-6641-4d74-988a-8ec66425ffdd">https://linked.data.gov.au/def/nrm/2d1d8394-6641-4d74-988a-8ec66425ffdd</a> is the IRI for "Soils fabric details codes". |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-fabric-details/invalid.ttl</a>  |

### 3.1.40.48. Asc subgroup Observation

#### 3.1.40.48.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-subgroup:feature-type</code>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil subsite</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil subsite</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .                           |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/invalid.ttl</a> |

### 3.1.40.48.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-subgroup:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils asc classes codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils asc classes codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Acidic</p> <p>Acidic-Mottled</p> <p>Acidic-Sodic</p> <p>Aeric</p> <p>Andic</p> <p>Aquic</p> <p>Aquic-Hypersulfidic</p> <p>Aquic-Sulfuric</p> <p>Arenaceous</p> <p>Arenic</p> <p>Arenosolic</p> <p>Argic</p> <p>Argillaceous</p> <p>BLeached-Mottled</p> <p>Basic</p> <p>Bauxitic</p> <p>Black</p> <p>Bleached</p> <p>Bleached-Acidic</p> <p>Bleached-Ferric</p> <p>Bleached-Leptic</p> <p>Bleached-Magnesic</p> <p>Bleached-Manganic</p> |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/invalid.ttl</a> |

#### 3.1.40.48.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-subgroup:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/invalid.ttl</a> |

#### 3.1.40.48.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-subgroup:site-visit</a>             |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment    | Observations following the Soil pit characterization protocol are made in the context of a site visit.        |
| Status     | <a href="#">submitted</a>  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/valid.ttl<br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/invalid.ttl |

### 3.1.40.48.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-subgroup:used-procedure   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/valid.ttl<br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/invalid.ttl  |

### 3.1.40.48.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-subgroup:value-type |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/invalid.ttl</a></p> |

### 3.1.40.48.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:asc-subgroup:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">430ebf92-824e-4dc6-9410-2b454fe8a063\$</a> .  |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/430ebf92-824e-4dc6-9410-2b454fe8a063">https://linked.data.gov.au/def/nrm/430ebf92-824e-4dc6-9410-2b454fe8a063</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/430ebf92-824e-4dc6-9410-2b454fe8a063">https://linked.data.gov.au/def/nrm/430ebf92-824e-4dc6-9410-2b454fe8a063</a> is the IRI for "Soils asc classes codes".</p> |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/asc-subgroup/invalid.ttl</a></p>  |

### 3.1.40.49. Soil dispersion score Observation

### 3.1.40.49.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-dispersion-score:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/invalid.ttl</a></p> |

### 3.1.40.49.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-dispersion-score:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils field dispersion scores codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils field dispersion scores codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Complete dispersion after 10 minutes<br><br>No dispersion within 10 minutes, slight dispersion within 2 hours<br><br>No dispersion within 2 hours<br><br>Slight dispersion within 10 minutes or strong dispersion within 2 hours<br><br>Strong dispersion within 10 minutes or complete dispersion within 2 hours |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/shapes.ttl   |
| Examples              | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/invalid.ttl   |

### 3.1.40.49.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-dispersion-score:simple-result  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/invalid.ttl |

#### 3.1.40.49.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-dispersion-score:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/invalid.ttl</a></p> |

#### 3.1.40.49.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-dispersion-score:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/invalid.ttl</a> |

#### 3.1.40.49.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-dispersion-score:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/invalid.ttl</a> |

#### 3.1.40.49.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-dispersion-score:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>0e0a3e73-4b7a-4ffb-8b91-ee0748688bb1\$</code> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0e0a3e73-4b7a-4ffb-8b91-ee0748688bb1">https://linked.data.gov.au/def/nrm/0e0a3e73-4b7a-4ffb-8b91-ee0748688bb1</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0e0a3e73-4b7a-4ffb-8b91-ee0748688bb1">https://linked.data.gov.au/def/nrm/0e0a3e73-4b7a-4ffb-8b91-ee0748688bb1</a> is the IRI for "Soils field dispersion scores codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-dispersion-score/invalid.ttl</a> |

### 3.1.40.50. Soil cutan abundance Observation

#### 3.1.40.50.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-abundance:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/invalid.ttl</a> |

#### 3.1.40.50.2. Result value

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-abundance:result-value</a>  |
| Label      | Result value   |
| Definition | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils cutan abundances codes controlled vocabulary.  |
| Comment    | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils cutan abundances codes controlled vocabulary. |

| Property              | Value  |
|-----------------------|--|
| Status                | submitted <input type="radio"/>  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br>Common<br><br>Few<br><br>Many<br><br>No cutans  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/invalid.ttl</a> |

### 3.1.40.50.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-abundance:simple-result">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-abundance:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/invalid.ttl</a> |

#### 3.1.40.50.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-abundance:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/invalid.ttl</a></p> |

#### 3.1.40.50.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-abundance:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/invalid.ttl</a> |

### 3.1.40.50.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-abundance:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/invalid.ttl</a> |

### 3.1.40.50.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-cutan-abundance:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">984fdbd63-e521-4fef-80f9-bcb9307a76a9\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/984fdbd63-e521-4fef-80f9-bcb9307a76a9">https://linked.data.gov.au/def/nrm/984fdbd63-e521-4fef-80f9-bcb9307a76a9</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/984fdbd63-e521-4fef-80f9-bcb9307a76a9">https://linked.data.gov.au/def/nrm/984fdbd63-e521-4fef-80f9-bcb9307a76a9</a> is the IRI for "Soils cutan abundances codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-cutan-abundance/invalid.ttl |

### 3.1.40.51. Australian soil classification order Observation

#### 3.1.40.51.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:australian-soil-classification-order:feature-type  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil subsite</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil subsite</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/invalid.ttl |

#### 3.1.40.51.2. Result value

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:australian-soil-classification-order:result-value  |
| Label      | Result value   |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils asc orders codes controlled vocabulary.   |
| Comment    | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils asc orders codes controlled vocabulary. |

| Property              | Value  |
|-----------------------|--|
| Status                | submitted <input type="radio"/>  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value MUST be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Anthroposols</a></li> <li><a href="#">Arenosols</a></li> <li><a href="#">Calcarosols</a></li> <li><a href="#">Chromosols</a></li> <li><a href="#">Class Undetermined</a></li> <li><a href="#">Dermosols</a></li> <li><a href="#">Ferrosols</a></li> <li><a href="#">Hydrosols</a></li> <li><a href="#">Kandosols</a></li> <li><a href="#">Kurosols</a></li> <li><a href="#">No Class Available</a></li> <li><a href="#">Organosols</a></li> <li><a href="#">Podosols</a></li> <li><a href="#">Rudosols</a></li> <li><a href="#">Sodosols</a></li> <li><a href="#">Tenosols</a></li> <li><a href="#">Vertosols</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/invalid.ttl</a> |

#### 3.1.40.51.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:australian-soil-classification-order:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .  |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/invalid.ttl</a> |

#### 3.1.40.51.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:australian-soil-classification-order:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.                    |
| Status              | <a href="#">submitted</a>              |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/invalid.ttl</a> |

### 3.1.40.51.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:australian-soil-classification-order:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:australian-soil-classification-order:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/invalid.ttl</a> |

### 3.1.40.51.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:australian-soil-classification-order:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:australian-soil-classification-order:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/invalid.ttl</a></p> |

### 3.1.40.51.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:australian-soil-classification-order:vocabulary">urn:shapes:soil-soil-pit-characterization-protocol-shapes:australian-soil-classification-order:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>cd377ef2-2174-4c7b-a6ef-7e0b1f83b85a\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd377ef2-2174-4c7b-a6ef-7e0b1f83b85a">https://linked.data.gov.au/def/nrm/cd377ef2-2174-4c7b-a6ef-7e0b1f83b85a</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/cd377ef2-2174-4c7b-a6ef-7e0b1f83b85a">https://linked.data.gov.au/def/nrm/cd377ef2-2174-4c7b-a6ef-7e0b1f83b85a</a> is the IRI for "Soils asc orders codes".</p>                         |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/australian-soil-classification-order/invalid.ttl</a></p> |

### 3.1.40.52. Mean macropore diameter Observation

#### 3.1.40.52.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:mean-macropore-diameter:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:mean-macropore-diameter:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/valid.ttl</code></p> <p>Invalid: <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/invalid.ttl</code></p> |

### 3.1.40.52.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:mean-macropore-diameter:result-value</code>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils macropore diameters codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils macropore diameters codes controlled vocabulary.   |
| Status                | <code>submitted</code> ○  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Coarse</code></li> <li><code>Fine</code></li> <li><code>Medium</code></li> <li><code>Very fine</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/shapes.ttl   |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/invalid.ttl |

### 3.1.40.52.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:mean-macropore-diameter:simple-result  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/invalid.ttl |

### 3.1.40.52.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:mean-macropore-diameter:site-visit           |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                             |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit. |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/invalid.ttl</a> |

### 3.1.40.52.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:mean-macropore-diameter:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:mean-macropore-diameter:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".          |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/invalid.ttl</a> |

### 3.1.40.52.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:mean-macropore-diameter:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:mean-macropore-diameter:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <b>tern:IRI</b> .  |
| Comment    | The value of <b>sosa:hasResult</b> <i>MUST</i> be a <b>tern:IRI</b> .   |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/invalid.ttl</p> |

### 3.1.40.52.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:mean-macropore-diameter:vocabulary   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>3c3ccc22-949a-4892-9c51-7b458a823fcd\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/3c3ccc22-949a-4892-9c51-7b458a823fcd">https://linked.data.gov.au/def/nrm/3c3ccc22-949a-4892-9c51-7b458a823fcd</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/3c3ccc22-949a-4892-9c51-7b458a823fcd">https://linked.data.gov.au/def/nrm/3c3ccc22-949a-4892-9c51-7b458a823fcd</a> is the IRI for "Soils macropore diameters codes".</p> |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/mean-macropore-diameter/invalid.ttl</p>  |

### 3.1.40.53. Soil segregation magnetic attributes Observation

#### 3.1.40.53.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-magnetic-attributes:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/invalid.ttl</a></p> |

### 3.1.40.53.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-magnetic-attributes:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils segregation magnetic attributes codes controlled vocabulary.   |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils segregation magnetic attributes codes controlled vocabulary.    |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Magnetic</a></li> <li><a href="#">Non-magnetic</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/invalid.ttl</a> |

#### 3.1.40.53.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-magnetic-attributes:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/valid.ttl</a><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/invalid.ttl</a> |

#### 3.1.40.53.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-magnetic-attributes:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.                    |
| Status              | <a href="#">submitted</a>              |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/invalid.ttl |

### 3.1.40.53.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-magnetic-attributes:used-procedure   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/invalid.ttl  |

### 3.1.40.53.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-magnetic-attributes:value-type |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .                         |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/invalid.ttl</p> |

### 3.1.40.53.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-segregation-magnetic-attributes:vocabulary  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>f503ff93-f7d7-4419-9d1e-6807e96dc2c1\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f503ff93-f7d7-4419-9d1e-6807e96dc2c1">https://linked.data.gov.au/def/nrm/f503ff93-f7d7-4419-9d1e-6807e96dc2c1</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/f503ff93-f7d7-4419-9d1e-6807e96dc2c1">https://linked.data.gov.au/def/nrm/f503ff93-f7d7-4419-9d1e-6807e96dc2c1</a> is the IRI for "Soils segregation magnetic attributes codes".</p> |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/shapes.ttl  |
| Examples            | <p>Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-segregation-magnetic-attributes/invalid.ttl</p>  |

### 3.1.40.54. Soil horizon depth lower Observation

#### 3.1.40.54.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-lower:feature-type |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</a></p> |

### 3.1.40.54.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-lower:simple-result</code>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</a></p> |

### 3.1.40.54.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-lower:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</a></p> |

#### 3.1.40.54.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-lower:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:CentiM</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:CentiM</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</a></p> |

#### 3.1.40.54.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-lower:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a><br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".                       |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</a></p> |

### 3.1.40.54.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-lower:value-range</a>  |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</a></p> |

### 3.1.40.54.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-lower:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</a></p> |

### 3.1.40.55. Soil consistency water status Observation

#### 3.1.40.55.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-water-status:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/invalid.ttl</a></p> |

### 3.1.40.55.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-water-status:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils water statuses codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils water statuses codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Dry</a></li> <li><a href="#">Moderately moist</a></li> <li><a href="#">Moist</a></li> <li><a href="#">Wet</a></li> </ul>                             |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/invalid.ttl</a></p> |

### 3.1.40.55.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-water-status:simple-result</a>   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/invalid.ttl</a></p> |

#### 3.1.40.55.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-water-status:site-visit">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-water-status:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/invalid.ttl</a></p> |

#### 3.1.40.55.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-water-status:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-water-status:used-procedure</a>                     |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".                                  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/invalid.ttl</a> |

### 3.1.40.55.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-water-status:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/invalid.ttl</a> |

### 3.1.40.55.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-water-status:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>e1573937-3a4e-4df6-beba-29e25e7c5596\$</code> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e1573937-3a4e-4df6-beba-29e25e7c5596">https://linked.data.gov.au/def/nrm/e1573937-3a4e-4df6-beba-29e25e7c5596</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e1573937-3a4e-4df6-beba-29e25e7c5596">https://linked.data.gov.au/def/nrm/e1573937-3a4e-4df6-beba-29e25e7c5596</a> is the IRI for "Soils water statuses codes". |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-water-status/invalid.ttl</a>          |

### 3.1.40.56. Soil horizon depth upper Observation

#### 3.1.40.56.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-upper:feature-type</code>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/invalid.ttl</a> |

### 3.1.40.56.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-upper:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/invalid.ttl</a> |

### 3.1.40.56.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-upper:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.        |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/shapes.ttl  |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/invalid.ttl |

#### 3.1.40.56.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-upper:unit-of-measure   |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:Centim</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:Centim</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/invalid.ttl |

#### 3.1.40.56.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-upper:used-procedure   |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |
| Status     | submitted ○   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/invalid.ttl</a> |

### 3.1.40.56.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-upper:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/invalid.ttl</a> |

### 3.1.40.56.7. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-horizon-depth-upper:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                     |
| Status     | submitted <input type="radio"/>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-horizon-depth-upper/invalid.ttl</a> |

### 3.1.40.57. Soil consistency strength of soil Observation

#### 3.1.40.57.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:feature-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl</a> |

#### 3.1.40.57.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:result-value">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:result-value</a> |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils soil strengths codes controlled vocabulary.  |

| Property              | Value   |
|-----------------------|---|
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils soil strengths codes controlled vocabulary.  |
| Status                | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Firm</code></li> <li><code>Loose</code></li> <li><code>Rigid</code></li> <li><code>Strong</code></li> <li><code>Very firm</code></li> <li><code>Very strong</code></li> <li><code>Very weak</code></li> <li><code>Weak</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl</code>   |
| Examples              | <p>Valid: <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl</code></p> <p>Invalid: <code>/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl</code></p>   |

### 3.1.40.57.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:simple-result</code>  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | <code>submitted</code> <input type="radio"/>  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl</a> |

#### 3.1.40.57.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:site-visit">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl</a> |

#### 3.1.40.57.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:used-procedure</a>             |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl</a> |

### 3.1.40.57.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl</a> |

### 3.1.40.57.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:vocabulary">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-consistency-strength-of-soil:vocabulary</a> |

| Property            | Value  |
|---------------------|--|
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>9f599dbb-458f-4d8a-846a-fd1a080f8853\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f599dbb-458f-4d8a-846a-fd1a080f8853">https://linked.data.gov.au/def/nrm/9f599dbb-458f-4d8a-846a-fd1a080f8853</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/9f599dbb-458f-4d8a-846a-fd1a080f8853">https://linked.data.gov.au/def/nrm/9f599dbb-458f-4d8a-846a-fd1a080f8853</a> is the IRI for "Soils soil strengths codes".        |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-consistency-strength-of-soil/invalid.ttl</a> |

### 3.1.40.58. Soil voids coarse macropore abundance Observation

#### 3.1.40.58.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-coarse-macropore-abundance:feature-type</code>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <code>soil horizon</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/invalid.ttl</a> |

### 3.1.40.58.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-coarse-macropore-abundance:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils medium macropore abundances codes controlled vocabulary.   |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils medium macropore abundances codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Common</a><br><br><a href="#">Few</a><br><br><a href="#">Many</a><br><br><a href="#">No medium or coarse macropores</a>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/invalid.ttl</a> |

### 3.1.40.58.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-coarse-macropore-abundance:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/invalid.ttl</a></p> |

#### 3.1.40.58.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-coarse-macropore-abundance:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/invalid.ttl</a></p> |

#### 3.1.40.58.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-coarse-macropore-abundance:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-coarse-macropore-abundance:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a><br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/invalid.ttl</a></p> |

### 3.1.40.58.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-coarse-macropore-abundance:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-coarse-macropore-abundance:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/invalid.ttl</a></p> |

### 3.1.40.58.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-coarse-macropore-abundance:vocabulary">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-voids-coarse-macropore-abundance:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="ee3a4058-d8de-43b8-a002-3f072f039b75\$">ee3a4058-d8de-43b8-a002-3f072f039b75\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/ee3a4058-d8de-43b8-a002-3f072f039b75">https://linked.data.gov.au/def/nrm/ee3a4058-d8de-43b8-a002-3f072f039b75</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/ee3a4058-d8de-43b8-a002-3f072f039b75">https://linked.data.gov.au/def/nrm/ee3a4058-d8de-43b8-a002-3f072f039b75</a> is the IRI for "Soils medium macropore abundances codes".     |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-voids-coarse-macropore-abundance/invalid.ttl</a> |

### 3.1.40.59. Soil matrix dry color Observation

#### 3.1.40.59.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-dry-color:datatype">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-dry-color:datatype</a>         |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/invalid.ttl</a> |

### 3.1.40.59.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-dry-color:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/invalid.ttl</a> |

### 3.1.40.59.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-dry-color:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/shapes.ttl   |
| Examples   | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/invalid.ttl |

#### 3.1.40.59.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-dry-color:site-visit   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.   |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/invalid.ttl |

#### 3.1.40.59.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-dry-color:used-procedure  |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol". |

| Property            | Value  |
|---------------------|--|
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/invalid.ttl |

### 3.1.40.59.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-matrix-dry-color:value-type   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Text</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Text</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/shapes.ttl   |
| Examples            | Valid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-matrix-dry-color/invalid.ttl |

### 3.1.40.60. Soil slaking score Observation

#### 3.1.40.60.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-slaking-score:feature-type   |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl</a></p> |

### 3.1.40.60.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-slaking-score:result-value">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-slaking-score:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils field slaking scores codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils field slaking scores codes controlled vocabulary.   |
| Status                | submitted <input type="radio"/>  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Completely slaked within 10 minutes</code></li> <li><code>Not slaked within 10 minutes</code></li> <li><code>Partially slaked within 10 minutes</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl</a>  |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl</a></p> |

#### 3.1.40.60.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-slaking-score:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl</a></p> |

#### 3.1.40.60.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-slaking-score:site-visit</a>       |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Soil pit characterization protocol are made in the context of a site visit.        |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl</a></p> |

### 3.1.40.60.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-slaking-score:used-procedure">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-slaking-score:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db">https://linked.data.gov.au/def/nrm/8f00b7c6-34b4-4203-8dcc-4be47f21d7db</a> is the IRI for "Soil pit characterization protocol".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl</a></p>           |

### 3.1.40.60.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-slaking-score:value-type">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-slaking-score:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <b>tern:IRI</b> .  |
| Comment    | The value of <b>sosa:hasResult</b> <i>MUST</i> be a <b>tern:IRI</b> .   |
| Status     | <a href="#">submitted</a> <input type="radio"/>   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl</a></p> |

### 3.1.40.60.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-slaking-score:vocabulary">urn:shapes:soil-soil-pit-characterization-protocol-shapes:soil-slaking-score:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="c2408628-477b-4867-bc12-532126801973\$">c2408628-477b-4867-bc12-532126801973\$</a> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c2408628-477b-4867-bc12-532126801973">https://linked.data.gov.au/def/nrm/c2408628-477b-4867-bc12-532126801973</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c2408628-477b-4867-bc12-532126801973">https://linked.data.gov.au/def/nrm/c2408628-477b-4867-bc12-532126801973</a> is the IRI for "Soils field slaking scores codes".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl">/shapes/soil/soil-soil-pit-characterization-protocol-shapes/soil-slaking-score/invalid.ttl</a></p>   |

## 3.1.41. Soil - Soil subsite sampling protocol Conformance Class Requirements

### 3.1.41.1. Soil pit depth Observation

### 3.1.41.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-pit-depth:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil subsite</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil subsite</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/invalid.ttl</a></p> |

### 3.1.41.1.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-pit-depth:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/invalid.ttl</a></p> |

### 3.1.41.1.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-pit-depth:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil sub-site samples protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/invalid.ttl</a></p> |

### 3.1.41.1.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-pit-depth:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:Centim</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:Centim</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/invalid.ttl</a></p> |

### 3.1.41.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-pit-depth:used-procedure">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-pit-depth:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> is the IRI for "Soil sub-site samples protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/invalid.ttl</a>  |

### 3.1.41.1.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-pit-depth:value-range">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-pit-depth:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/invalid.ttl</a> |

### 3.1.41.1.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-pit-depth:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-pit-depth/invalid.ttl</a> |

### 3.1.41.2. Soil sub site microhabitat Observation

#### 3.1.41.2.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-sub-site-microhabitat:datatype</a>     |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.                              |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/invalid.ttl</a> |

### 3.1.41.2.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-sub-site-microhabitat:feature-type">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-sub-site-microhabitat:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil subsite</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil subsite</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/invalid.ttl</a> |

### 3.1.41.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-sub-site-microhabitat:simple-result">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-sub-site-microhabitat:simple-result</a> |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/invalid.ttl</a> |

### 3.1.41.2.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-sub-site-microhabitat:site-visit">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-sub-site-microhabitat:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Soil sub-site samples protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/invalid.ttl</a> |

### 3.1.41.2.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-sub-site-microhabitat:used-procedure">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-sub-site-microhabitat:used-procedure</a>                                   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> is the IRI for "Soil sub-site samples protocol".          |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/invalid.ttl</a> |

### 3.1.41.2.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-sub-site-microhabitat:value-type">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-sub-site-microhabitat:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-sub-site-microhabitat/invalid.ttl</a> |

### 3.1.41.3. Horizon boundary shape Observation

#### 3.1.41.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-shape:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/invalid.ttl</a></p> |

### 3.1.41.3.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-shape:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils horizon boundary shapes codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils horizon boundary shapes codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Broken<br><br>Irregular<br><br>Smooth<br><br>Tongued<br><br>Wavy  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/shapes.ttl  |
| Examples              | Valid: /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/invalid.ttl |

### 3.1.41.3.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-shape:simple-result   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/invalid.ttl |

### 3.1.41.3.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-shape:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil sub-site samples protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/invalid.ttl</a></p> |

### 3.1.41.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-shape:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> is the IRI for "Soil sub-site samples protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/invalid.ttl</a> |

### 3.1.41.3.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-shape:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/invalid.ttl</a> |

### 3.1.41.3.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-shape:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>2f514fb5-6c23-4fff-beed-858722a0f586\$</code> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/2f514fb5-6c23-4fff-beed-858722a0f586">https://linked.data.gov.au/def/nrm/2f514fb5-6c23-4fff-beed-858722a0f586</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/2f514fb5-6c23-4fff-beed-858722a0f586">https://linked.data.gov.au/def/nrm/2f514fb5-6c23-4fff-beed-858722a0f586</a> is the IRI for "Soils horizon boundary shapes codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-shape/invalid.ttl</a></p> |

### 3.1.41.4. Soil horizon typical Observation

#### 3.1.41.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-typical:feature-type">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-typical:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl</a></p> |

#### 3.1.41.4.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-typical:result-value">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-typical:result-value</a> |
| Label      | Result value  |
| Definition | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils horizon typicals codes controlled vocabulary.   |
| Comment    | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils horizon typicals codes controlled vocabulary.                                |

| Property              | Value  |
|-----------------------|--|
| Status                | submitted ○  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br>Atypical<br><br>Typical   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl</a> |

#### 3.1.41.4.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-typical:simple-result">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-typical:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl</a> |

#### 3.1.41.4.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-typical:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Soil sub-site samples protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl</a></p> |

#### 3.1.41.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-typical:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> is the IRI for "Soil sub-site samples protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl</a> |

#### 3.1.41.4.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-typical:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl</a> |

#### 3.1.41.4.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-typical:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">3fa6ec81-4451-477a-910f-0107ae8032bb\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/3fa6ec81-4451-477a-910f-0107ae8032bb">https://linked.data.gov.au/def/nrm/3fa6ec81-4451-477a-910f-0107ae8032bb</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/3fa6ec81-4451-477a-910f-0107ae8032bb">https://linked.data.gov.au/def/nrm/3fa6ec81-4451-477a-910f-0107ae8032bb</a> is the IRI for "Soils horizon typicals codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-typical/invalid.ttl</a> |

### 3.1.41.5. Horizon boundary distinctness Observation

#### 3.1.41.5.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-distinctness:feature-type">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-distinctness:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a> |

#### 3.1.41.5.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-distinctness:result-value">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-distinctness:result-value</a> |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils horizon boundary distinctness codes controlled vocabulary.   |
| Comment    | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils horizon boundary distinctness codes controlled vocabulary.   |

| Property              | Value   |
|-----------------------|---|
| Status                | submitted ○   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value MUST be from the following list:</p> <ul style="list-style-type: none"> <li>Abrupt (5-20mm)</li> <li>Clear (20-50mm)</li> <li>Diffuse (&gt;100mm)</li> <li>Gradual (50-100mm)</li> <li>Sharp (&lt;5mm)</li> </ul>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a></p> |

### 3.1.41.5.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-distinctness:simple-result">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-distinctness:simple-result</a> |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a> |

#### 3.1.41.5.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-distinctness:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Soil sub-site samples protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a> |

#### 3.1.41.5.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-distinctness:used-procedure</a>  |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> is the IRI for "Soil sub-site samples protocol". |
| Status     | <a href="#">submitted</a>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a> |

### 3.1.41.5.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-distinctness:value-type">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-distinctness:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a> |

### 3.1.41.5.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-distinctness:vocabulary">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:horizon-boundary-distinctness:vocabulary</a> |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">1c6b54da-bb31-4496-974e-050531b15e30\$</a> .   |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1c6b54da-bb31-4496-974e-050531b15e30">https://linked.data.gov.au/def/nrm/1c6b54da-bb31-4496-974e-050531b15e30</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1c6b54da-bb31-4496-974e-050531b15e30">https://linked.data.gov.au/def/nrm/1c6b54da-bb31-4496-974e-050531b15e30</a> is the IRI for "Soils horizon boundary distinctness codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/horizon-boundary-distinctness/invalid.ttl</a>   |

### 3.1.41.6. Soil horizon suffix Observation

#### 3.1.41.6.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-suffix:feature-type">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-suffix:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/invalid.ttl</a> |

### 3.1.41.6.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-suffix:result-value</a>   |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Soils horizon suffixes codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Soils horizon suffixes codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | The result value MUST be from the following list:<br>?<br>b<br>c<br>d<br>e<br>f<br>g<br>h<br>j<br>k<br>m<br>p<br>q<br>r<br>s<br>t<br>w<br>x<br>y<br>z                                       |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/invalid.ttl</a> |

#### 3.1.41.6.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-suffix:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/invalid.ttl</a> |

#### 3.1.41.6.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-suffix:site-visit</a>          |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Soil sub-site samples protocol are made in the context of a site visit.            |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/shapes.ttl   |
| Examples   | Valid: /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/invalid.ttl |

### 3.1.41.6.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-suffix:used-procedure  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> is the IRI for "Soil sub-site samples protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/shapes.ttl  |
| Examples            | Valid: /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/valid.ttl<br><br>Invalid: /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/invalid.ttl  |

### 3.1.41.6.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-suffix:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                     |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .    |
| Status     | submitted ○  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/invalid.ttl</a> |

### 3.1.41.6.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-suffix:vocabulary">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-suffix:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="31d3921f-1fcf-4ec2-99a6-749c7b9e4798\$">31d3921f-1fcf-4ec2-99a6-749c7b9e4798\$</a> .   |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/31d3921f-1fcf-4ec2-99a6-749c7b9e4798">https://linked.data.gov.au/def/nrm/31d3921f-1fcf-4ec2-99a6-749c7b9e4798</a> .<br><a href="https://linked.data.gov.au/def/nrm/31d3921f-1fcf-4ec2-99a6-749c7b9e4798">https://linked.data.gov.au/def/nrm/31d3921f-1fcf-4ec2-99a6-749c7b9e4798</a> is the IRI for "Soils horizon suffixes codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/valid.ttl</a><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-suffix/invalid.ttl</a>  |

### 3.1.41.7. Soil horizon Observation

#### 3.1.41.7.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon:feature-type">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/valid.ttl</code></p> <p>Invalid: <code>/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/invalid.ttl</code></p> |

### 3.1.41.7.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon:result-value</code>  |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Soils horizon details codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Soils horizon details codes controlled vocabulary. |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br>A<br>A1<br>A2<br>A3<br>B<br>B1<br>B2<br>B3<br>C<br>D<br>0<br>01<br>02<br>P<br>P1<br>P2<br>R   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/invalid.ttl</a> |

### 3.1.41.7.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/invalid.ttl</a></p> |

### 3.1.41.7.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil sub-site samples protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/invalid.ttl</a></p> |

### 3.1.41.7.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> is the IRI for "Soil sub-site samples protocol". |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/shapes.ttl</a>   |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/invalid.ttl</a>  |

### 3.1.41.7.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/invalid.ttl</a> |

### 3.1.41.7.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>bcd57c16-0e94-48c9-aee7-296a0e13b3ca\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/bcd57c16-0e94-48c9-aee7-296a0e13b3ca">https://linked.data.gov.au/def/nrm/bcd57c16-0e94-48c9-aee7-296a0e13b3ca</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/bcd57c16-0e94-48c9-aee7-296a0e13b3ca">https://linked.data.gov.au/def/nrm/bcd57c16-0e94-48c9-aee7-296a0e13b3ca</a> is the IRI for "Soils horizon details codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon/invalid.ttl</a>   |

### 3.1.41.8. Soil horizon depth lower Observation

#### 3.1.41.8.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-lower:feature-type</a>   |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>soil horizon</code> .   |
| Comment    | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</p> |

### 3.1.41.8.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-lower:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/shapes.ttl   |
| Examples            | <p>Valid: /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/valid.ttl</p> <p>Invalid: /shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</p> |

### 3.1.41.8.3. Site visit

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-lower:site-visit          |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                         |
| Comment    | Observations following the Soil sub-site samples protocol are made in the context of a site visit. |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</a></p> |

#### 3.1.41.8.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-lower:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:Centim</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:Centim</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/valid.ttl</a></p> <p>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</a></p> |

#### 3.1.41.8.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-lower:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> is the IRI for "Soil sub-site samples protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</a> |

### 3.1.41.8.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-lower:value-range">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-lower:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/shapes.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/valid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/valid.ttl</a><br><br>Invalid: <a href="/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/invalid.ttl">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</a> |

### 3.1.41.8.7. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-lower:value-type">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-lower:value-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-lower/invalid.ttl</a></p> |

### 3.1.41.9. Soil horizon depth upper Observation

#### 3.1.41.9.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-upper:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">soil horizon</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>soil horizon</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/invalid.ttl</a></p> |

#### 3.1.41.9.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsites-sampling-protocol-shapes:soil-horizon-depth-upper:SimpleResult</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsites-sampling-protocol-shapes/soil-horizon-depth-upper/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsites-sampling-protocol-shapes/soil-horizon-depth-upper/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsites-sampling-protocol-shapes/soil-horizon-depth-upper/invalid.ttl</a></p> |

### 3.1.41.9.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsites-sampling-protocol-shapes:soil-horizon-depth-upper:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Soil sub-site samples protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsites-sampling-protocol-shapes/soil-horizon-depth-upper/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsites-sampling-protocol-shapes/soil-horizon-depth-upper/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsites-sampling-protocol-shapes/soil-horizon-depth-upper/invalid.ttl</a></p> |

### 3.1.41.9.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-upper:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:Centimetre</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:Centimetre</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/invalid.ttl</a></p> |

### 3.1.41.9.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-upper:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3">https://linked.data.gov.au/def/nrm/e3ad3e5b-7c1c-4b59-bdb1-297f707d2ca3</a> is the IRI for "Soil sub-site samples protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/invalid.ttl</a></p>   |

### 3.1.41.9.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-upper:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/invalid.ttl</a> |

### 3.1.41.9.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:soil-soil-subsite-sampling-protocol-shapes:soil-horizon-depth-upper:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/soil/soil-soil-subsite-sampling-protocol-shapes/soil-horizon-depth-upper/invalid.ttl</a> |

## 3.1.42. Vertebrate Fauna Module

This module has 6 sub modules and 3 of them have observable properties

### 3.1.43. Vertebrate Fauna - Active and passive searching protocol Conformance Class Requirements

#### 3.1.43.1. Reproductive status Observation

##### 3.1.43.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:reproductive-status:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/invalid.ttl</a></p> |

##### 3.1.43.1.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:reproductive-status:result-value</a>                               |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Breeding status codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Breeding status codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Breeding<br><br>Dependent young<br><br>Dependent young (in nest)<br><br>Gravid (carrying eggs or young)<br><br>Lactating<br><br>Nesting<br><br>Not Applicable<br><br>Not breeding<br><br>Pregnant<br><br>Unknown                          |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/invalid.ttl</a> |

### 3.1.43.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:reproductive-status:simple-result</a>                                    |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/shapes.ttl  |
| Examples   | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/invalid.ttl |

#### 3.1.43.1.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:reproductive-status:site-visit  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Active and passive searching protocol are made in the context of a site visit.  |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/shapes.ttl  |
| Examples            | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/invalid.ttl |

#### 3.1.43.1.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:reproductive-status:used-procedure  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> is the IRI for "Active and passive searching protocol". |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/invalid.ttl</a></p> |

### 3.1.43.1.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:reproductive-status:value-type">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:reproductive-status:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/invalid.ttl</a></p> |

### 3.1.43.1.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:reproductive-status:vocabulary">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:reproductive-status:vocabulary</a> |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b7dc10d2-c0aa-46b3-94da-685cd0a723e4\$</a> .   |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b7dc10d2-c0aa-46b3-94da-685cd0a723e4">https://linked.data.gov.au/def/nrm/b7dc10d2-c0aa-46b3-94da-685cd0a723e4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/b7dc10d2-c0aa-46b3-94da-685cd0a723e4">https://linked.data.gov.au/def/nrm/b7dc10d2-c0aa-46b3-94da-685cd0a723e4</a> is the IRI for "Breeding status codes".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/reproductive-status/invalid.ttl</a></p> |

### 3.1.43.2. Weather site precipitation Observation

#### 3.1.43.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-precipitation:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.43.2.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-precipitation:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather precipitations codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather precipitations codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Drizzle</a></li> <li><a href="#">Fog</a></li> <li><a href="#">Frost</a></li> <li><a href="#">Mist</a></li> <li><a href="#">None observed</a></li> <li><a href="#">Rain</a></li> <li><a href="#">Showers</a></li> <li><a href="#">Thunderstorms</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p>  |

### 3.1.43.2.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-precipitation:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

#### 3.1.43.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-precipitation:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Active and passive searching protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

#### 3.1.43.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-precipitation:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a><br><br><a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> is the IRI for "Active and passive searching protocol".  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.43.2.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-precipitation:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.43.2.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-precipitation:vocabulary">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-precipitation:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>36e4cff5-f238-45e3-85ec-bdd0973f09d7\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a> is the IRI for "Weather precipitations codes".  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-precipitation/invalid.ttl</a> |

### 3.1.43.3. Sex Observation

#### 3.1.43.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:sex:feature-type">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:sex:feature-type</a>                         |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.43.3.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:sex:result-value">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:sex:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Animal sex codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Animal sex codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Female</a><br><br><a href="#">Male</a><br><br><a href="#">Mixed Sexes</a><br><br><a href="#">NA</a><br><br><a href="#">Not Recorded</a><br><br><a href="#">Unknown</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.43.3.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:sex:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/invalid.ttl</a></p> |

### 3.1.43.3.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:sex:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Active and passive searching protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/invalid.ttl</a></p> |

### 3.1.43.3.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:sex:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> is the IRI for "Active and passive searching protocol".                                   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.43.3.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:sex:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.43.3.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:sex:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>fcc3a1e1-3e35-4a4f-bd44-eface035025c\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c">https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c">https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c</a> is the IRI for "Animal sex codes".      |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.43.4. Age class Observation

#### 3.1.43.4.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:age-class:feature-type</a>  |
| Label      | Feature type   |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal population</a> .  |
| Comment    | TERN's ecologists have determined the feature type is <i>animal population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/invalid.ttl</a></p> |

### 3.1.43.4.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:age-class:result-value">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:age-class:result-value</a> |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Age class codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Age class codes controlled vocabulary.   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Adult<br><br>Eggs/egg mass<br><br>Immature (sub-adult)<br><br>Juvenile<br><br>Larvae<br><br>Metamorph<br><br>Not Applicable<br><br>Nymph<br><br>Tadpole<br><br>Unknown                |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/shapes.ttl  |
| Examples              | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/invalid.ttl |

### 3.1.43.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:age-class:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/shapes.ttl  |
| Examples   | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/invalid.ttl |

#### 3.1.43.4.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:age-class:site-visit  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Active and passive searching protocol are made in the context of a site visit.  |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/shapes.ttl  |
| Examples            | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/invalid.ttl |

#### 3.1.43.4.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:age-class:used-procedure  |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .   |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> is the IRI for "Active and passive searching protocol". |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/shapes.ttl   |
| Examples            | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/invalid.ttl</p> |

#### 3.1.43.4.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:age-class:value-type   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/shapes.ttl   |
| Examples            | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/invalid.ttl</p> |

#### 3.1.43.4.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:age-class:vocabulary                                 |
| Label      | Vocabulary  |
| Definition | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>0e2641c3-0d7e-4d94-8cd7-02c21d564630\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630">https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630">https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630</a> is the IRI for "Age class codes".                                      |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/age-class/invalid.ttl</a></p> |

### 3.1.43.5. Weather site cloud cover Observation

#### 3.1.43.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-cloud-cover:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.43.5.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-cloud-cover:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather cloud covers codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather cloud covers codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Cloudy</a></li> <li><a href="#">Mostly Sunny</a></li> <li><a href="#">Overcast</a></li> <li><a href="#">Partly Cloudy</a></li> <li><a href="#">Sunny</a></li> </ul>                              |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.43.5.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-cloud-cover:simple-result</a>                               |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

#### 3.1.43.5.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-cloud-cover:site-visit">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-cloud-cover:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Active and passive searching protocol are made in the context of a site visit.   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

#### 3.1.43.5.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-cloud-cover:used-procedure">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-cloud-cover:used-procedure</a> |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> is the IRI for "Active and passive searching protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.43.5.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-cloud-cover:value-type">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-cloud-cover:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.43.5.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-cloud-cover:vocabulary">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-cloud-cover:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>b001aab8-d5c2-4268-a750-bed499386691\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a> is the IRI for "Weather cloud covers codes".</p>   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.43.6. Weather site temperature Observation

#### 3.1.43.6.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-temperature:feature-type</code>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>climate</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <code>climate</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/shapes.ttl</a> |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.43.6.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-temperature:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather temperatures codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather temperatures codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Cold</a></li> <li><a href="#">Cool</a></li> <li><a href="#">Hot</a></li> <li><a href="#">Very Cold</a></li> <li><a href="#">Very Hot</a></li> <li><a href="#">Warm</a></li> </ul>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.43.6.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-temperature:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.43.6.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-temperature:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Active and passive searching protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.43.6.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-temperature:used-procedure">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-temperature:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> is the IRI for "Active and passive searching protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.43.6.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-temperature:value-type">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-temperature:value-type</a>                             |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/valid.ttl</a><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.43.6.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-temperature:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>cd1530af-09a6-4666-98d5-580c0e65cf10\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> is the IRI for "Weather temperatures codes".  |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/valid.ttl</a><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.43.7. Habitat description Observation

#### 3.1.43.7.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:habitat-description:feature-type</a>             |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>habitat</code> .  |
| Comment    | TERN's ecologists have determined the feature type is <i>habitat</i> , defined by the Australian Soil and Land Survey Field Handbook. |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.43.7.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching:habitat-description:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Habitat description codes controlled vocabulary or it's text value.   |
| Comment             | If value type is <code>tern:IRI</code> , the value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Habitat description codes controlled vocabulary. |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | If value type is <code>tern:IRI</code> , the result value MUST be from the following list:<br><br>Beach<br><br>Billabong or Swamp<br><br>Cave<br><br>Chenopod shrubland<br><br>Closed chenopod shrubland<br><br>Closed fernland<br><br>Closed formland<br><br>Closed forest<br><br>Closed heathland<br><br>Closed hummock grassland<br><br>Closed lichenland<br><br>Closed liverwortland<br><br>Closed mallee forest<br><br>Closed mallee shrubland<br><br>Closed mossland<br><br>Closed rushland<br><br>Closed sedgeland<br><br>Closed shrubland<br><br>Closed sod grassland<br><br>Closed tussock grassland<br><br>Closed vineland<br><br>Coastal Waters<br><br>Crop Land |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.43.7.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:habitat-description:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.43.7.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:habitat-description:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment    | Observations following the Active and passive searching protocol are made in the context of a site visit.               |
| Status     | <a href="#">submitted</a>            |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/valid.ttl</a><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/invalid.ttl</a> |

### 3.1.43.7.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:habitat-description:used-procedure">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:habitat-description:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .<br><a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> is the IRI for "Active and passive searching protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/valid.ttl</a><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/invalid.ttl</a> |

### 3.1.43.7.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:habitat-description:value-type">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:habitat-description:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> or <code>tern:Text</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> or <code>tern:Text</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/invalid.ttl</code></p> |

### 3.1.43.7.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:habitat-description:vocabulary</code>   |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a> is the IRI for "Habitat description codes".</p> |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/habitat-description/invalid.ttl</code></p>  |

### 3.1.43.8. Number of individuals Observation

### 3.1.43.8.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:number-of-individuals:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.43.8.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:number-of-individuals:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.43.8.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:number-of-individuals:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Active and passive searching protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.43.8.4. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:number-of-individuals:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> is the IRI for "Active and passive searching protocol".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/invalid.ttl</a> |

### 3.1.43.8.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:number-of-individuals:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be non-negative.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/invalid.ttl</a> |

### 3.1.43.8.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:number-of-individuals:value-type</a>               |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | <a href="#">submitted</a>                            |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/valid.ttl</a><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/number-of-individuals/invalid.ttl</a> |

### 3.1.43.9. Field species name Observation

#### 3.1.43.9.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:field-species-name:datatype</a>   |
| Label               | Datatype   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:string.  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/valid.ttl</a><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/invalid.ttl</a> |

#### 3.1.43.9.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:field-species-name:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/shapes.ttl   |
| Examples   | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/invalid.ttl |

### 3.1.43.9.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:field-species-name:simple-result  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/shapes.ttl   |
| Examples            | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/invalid.ttl |

### 3.1.43.9.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:field-species-name:site-visit    |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                |
| Comment             | Observations following the Active and passive searching protocol are made in the context of a site visit. |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/shapes.ttl   |
| Examples   | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/invalid.ttl |

### 3.1.43.9.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:field-species-name:used-procedure   |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> is the IRI for "Active and passive searching protocol". |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/shapes.ttl   |
| Examples            | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/invalid.ttl   |

### 3.1.43.9.6. Value type

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:field-species-name:value-type |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <code>tern:Text</code> .                                      |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Text</code> .                     |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/shapes.ttl  |
| Examples            | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/field-species-name/invalid.ttl</p> |

### 3.1.43.10. Weather site wind Observation

#### 3.1.43.10.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-wind:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/shapes.ttl   |
| Examples            | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/invalid.ttl</p> |

#### 3.1.43.10.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-wind:result-value |
| Label      | Result value  |

| Property              | Value  |
|-----------------------|--|
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather winds codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather winds codes controlled vocabulary.  |
| Status                | <code>submitted</code>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Calm</code></li> <li><code>Fresh winds</code></li> <li><code>Gale</code></li> <li><code>Light winds</code></li> <li><code>Moderate winds</code></li> <li><code>Near gale</code></li> <li><code>Storm</code></li> <li><code>Strong gale</code></li> <li><code>Strong winds</code></li> <li><code>Violent storm</code></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/shapes.ttl</code>   |
| Examples              | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/invalid.ttl</code></p>  |

### 3.1.43.10.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-wind:simple-result</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/invalid.ttl</code></p> |

#### 3.1.43.10.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-wind:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Active and passive searching protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/invalid.ttl</code></p> |

#### 3.1.43.10.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-wind:used-procedure">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-wind:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a><br><br><a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> is the IRI for "Active and passive searching protocol".   |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/invalid.ttl</a> |

### 3.1.43.10.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-wind:value-type">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-wind:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/invalid.ttl</a> |

### 3.1.43.10.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:weather-site-wind:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>0fb03c4e-ad42-445a-a2c5-688d7d7effd8\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> is the IRI for "Weather winds codes".   |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/weather-site-wind/invalid.ttl</a> |

### 3.1.43.11. Fauna behaviour Observation

#### 3.1.43.11.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:fauna-behaviour:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/invalid.ttl</a> |

### 3.1.43.11.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:fauna-behaviour:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Animal behaviour codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Animal behaviour codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Feeding</a><br><br><a href="#">Flying</a><br><br><a href="#">Resting</a><br><br><a href="#">Roosting</a><br><br><a href="#">Sleeping</a>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/invalid.ttl</a> |

### 3.1.43.11.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:fauna-behaviour:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/invalid.ttl</a></p> |

#### 3.1.43.11.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:fauna-behaviour:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Active and passive searching protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/invalid.ttl</a></p> |

#### 3.1.43.11.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:fauna-behaviour:used-procedure">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:fauna-behaviour:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a><br><br><a href="https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24">https://linked.data.gov.au/def/nrm/37ed2dbb-b990-430c-9010-d0452588cf24</a> is the IRI for "Active and passive searching protocol".  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/invalid.ttl</a></p> |

### 3.1.43.11.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:fauna-behaviour:value-type">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:fauna-behaviour:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/invalid.ttl</a></p> |

### 3.1.43.11.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-active-and-passive-searching-protocol-shapes:fauna-behaviour:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">1301857c-4e02-4000-966b-a0d0ce60368f\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/1301857c-4e02-4000-966b-a0d0ce60368f">https://linked.data.gov.au/def/nrm/1301857c-4e02-4000-966b-a0d0ce60368f</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/1301857c-4e02-4000-966b-a0d0ce60368f">https://linked.data.gov.au/def/nrm/1301857c-4e02-4000-966b-a0d0ce60368f</a> is the IRI for "Animal behaviour codes". |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-active-and-passive-searching-protocol-shapes/fauna-behaviour/invalid.ttl</a>  |

## 3.1.44. Vertebrate Fauna - Identify, measure and release protocol Conformance Class Requirements

### 3.1.44.1. Vertebrate class Observation

#### 3.1.44.1.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:vertebrate-class:datatype</a> |
| Label               | Datatype   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.                                   |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.   |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/shapes.ttl   |
| Examples   | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/invalid.ttl |

### 3.1.44.1.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:vertebrate-class:feature-type   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>animal individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/shapes.ttl   |
| Examples            | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/invalid.ttl |

### 3.1.44.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:vertebrate-class:simple-result   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted    |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/shapes.ttl   |
| Examples   | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/invalid.ttl |

#### 3.1.44.1.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:vertebrate-class:site-visit   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/shapes.ttl   |
| Examples            | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/invalid.ttl |

#### 3.1.44.1.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:vertebrate-class:used-procedure   |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/invalid.ttl</a> |

### 3.1.44.1.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:vertebrate-class:value-type">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:vertebrate-class:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/vertebrate-class/invalid.ttl</a> |

### 3.1.44.2. Testes width Observation

#### 3.1.44.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-width:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/invalid.ttl</a></p> |

### 3.1.44.2.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-width:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/invalid.ttl</a></p> |

### 3.1.44.2.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-width:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/invalid.ttl</a></p> |

#### 3.1.44.2.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-width:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:MilliM</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:MilliM</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/invalid.ttl</a></p> |

#### 3.1.44.2.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-width:used-procedure">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-width:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a><br><br><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/invalid.ttl</a> |

### 3.1.44.2.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-width:value-range">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-width:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/invalid.ttl</a> |

### 3.1.44.2.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-width:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-width/invalid.ttl</a></p> |

### 3.1.44.3. Tail length Observation

#### 3.1.44.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:tail-length:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/invalid.ttl</a></p> |

### 3.1.44.3.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:tail-length:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/invalid.ttl</a></p> |

### 3.1.44.3.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:tail-length:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/invalid.ttl</a></p> |

### 3.1.44.3.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:tail-length:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:MilliM</code> as the value for <code>tern:unit</code> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:MilliM</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/invalid.ttl</a></p> |

### 3.1.44.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:tail-length:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/invalid.ttl</a> |

### 3.1.44.3.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:tail-length:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/invalid.ttl</a> |

### 3.1.44.3.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:tail-length:value-type</a>               |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                                     |
| Status              | <a href="#">submitted</a>                  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/tail-length/invalid.ttl</a> |

### 3.1.44.4. Testes length Observation

#### 3.1.44.4.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-length:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl</a> |

#### 3.1.44.4.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-length:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> . |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl</a> |

#### 3.1.44.4.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-length:site-visit">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-length:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl</a> |

#### 3.1.44.4.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-length:unit-of-measure">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-length:unit-of-measure</a> |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:MilliM</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:MilliM</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl</a></p> |

#### 3.1.44.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-length:used-procedure">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-length:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".</p>   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl</a></p> |

#### 3.1.44.4.6. Value range

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-length:value-range">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-length:value-range</a> |
| Label      | Value range   |
| Definition | The result <i>MUST</i> have a positive value.   |
| Comment    | Value <i>MUST</i> be positive.  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl</a></p> |

#### 3.1.44.4.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-length:value-type">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:testes-length:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/testes-length/invalid.ttl</a></p> |

#### 3.1.44.5. Signs of pregnancy Observation

##### 3.1.44.5.1. Datatype

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:signs-of-pregnancy:datatype">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:signs-of-pregnancy:datatype</a> |
| Label      | Datatype  |
| Definition | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.  |

| Property            | Value   |
|---------------------|---|
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be <code>xsd:string</code> .   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/invalid.ttl</code></p> |

### 3.1.44.5.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:signs-of-pregnancy:feature-type</code>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>animal individual</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/invalid.ttl</code></p> |

### 3.1.44.5.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:signs-of-pregnancy:simple-result</code> |
| Label      | Simple result  |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/invalid.ttl</a></p> |

#### 3.1.44.5.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:signs-of-pregnancy:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/invalid.ttl</a></p> |

#### 3.1.44.5.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:signs-of-pregnancy:used-procedure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/invalid.ttl</a></p> |

### 3.1.44.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:signs-of-pregnancy:value-type</code>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Text</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Text</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/signs-of-pregnancy/invalid.ttl</a></p> |

### 3.1.44.6. Head length Observation

#### 3.1.44.6.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:head-length:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/invalid.ttl</a></p> |

#### 3.1.44.6.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:head-length:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/invalid.ttl</a></p> |

### 3.1.44.6.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:head-length:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/invalid.ttl</a></p> |

### 3.1.44.6.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:head-length:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:MilliM</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:MilliM</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/invalid.ttl</a></p> |

### 3.1.44.6.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:head-length:used-procedure">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:head-length:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/invalid.ttl</a> |

### 3.1.44.6.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:head-length:value-range">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:head-length:value-range</a>                           |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/invalid.ttl</a> |

### 3.1.44.6.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:head-length:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/head-length/invalid.ttl</a> |

### 3.1.44.7. Body condition Observation

#### 3.1.44.7.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-condition:datatype</a> |
| Label               | Datatype   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.                                 |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.   |
| Status              | <a href="#">submitted</a>     |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/shapes.ttl   |
| Examples   | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/invalid.ttl |

### 3.1.44.7.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-condition:feature-type   |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>animal individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/shapes.ttl   |
| Examples            | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/invalid.ttl |

### 3.1.44.7.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-condition:simple-result   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted    |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/invalid.ttl</a> |

#### 3.1.44.7.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-condition:site-visit">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-condition:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/invalid.ttl</a> |

#### 3.1.44.7.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-condition:used-procedure">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-condition:used-procedure</a>                     |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/invalid.ttl</a></p> |

### 3.1.44.7.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-condition:value-type">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-condition:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-condition/invalid.ttl</a></p> |

### 3.1.44.8. Sex Observation

#### 3.1.44.8.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:sex:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/invalid.ttl</a></p> |

#### 3.1.44.8.2. Result value

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:sex:result-value</a>  |
| Label               | Result value   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Animal sex codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Animal sex codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>                                       |
| Conformance Classes | TBA  |
| Property            | Value  |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Female<br><br>Male<br><br>Mixed Sexes<br><br>NA<br><br>Not Recorded<br><br>Unknown  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.44.8.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:sex:simple-result">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:sex:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/invalid.ttl</a> |

#### 3.1.44.8.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:sex:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/invalid.ttl</a></p> |

#### 3.1.44.8.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:sex:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.44.8.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:sex:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.44.8.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:sex:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">fcc3a1e1-3e35-4a4f-bd44-eface035025c\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c">https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c">https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c</a> is the IRI for "Animal sex codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/sex/invalid.ttl</a></p> |

### 3.1.44.9. Position of testes Observation

#### 3.1.44.9.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:position-of-testes:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/invalid.ttl</a></p> |

#### 3.1.44.9.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:position-of-testes:result-value</a>  |
| Label      | Result value  |
| Definition | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Vertebrate testes positions codes controlled vocabulary.  |
| Comment    | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Vertebrate testes positions codes controlled vocabulary. |

| Property              | Value  |
|-----------------------|--|
| Status                | submitted ○  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br>Abdominal<br><br>Scrotal  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/shapes.ttl   |
| Examples              | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/invalid.ttl |

### 3.1.44.9.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:position-of-testes:simple-result  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/shapes.ttl   |
| Examples            | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/invalid.ttl |

### 3.1.44.9.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:position-of-testes:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/invalid.ttl</a></p> |

### 3.1.44.9.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:position-of-testes:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/invalid.ttl</a> |

### 3.1.44.9.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:position-of-testes:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/invalid.ttl</a> |

### 3.1.44.9.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:position-of-testes:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">6a46703e-dbc3-440e-b06f-217c400a18b5\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6a46703e-dbc3-440e-b06f-217c400a18b5">https://linked.data.gov.au/def/nrm/6a46703e-dbc3-440e-b06f-217c400a18b5</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/6a46703e-dbc3-440e-b06f-217c400a18b5">https://linked.data.gov.au/def/nrm/6a46703e-dbc3-440e-b06f-217c400a18b5</a> is the IRI for "Vertebrate testes positions codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/shapes.ttl  |
| Examples   | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/position-of-testes/invalid.ttl</p> |

### 3.1.44.10. Pouch young number Observation

#### 3.1.44.10.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-number:feature-type  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/shapes.ttl  |
| Examples            | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/invalid.ttl</p> |

#### 3.1.44.10.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-number:simple-result   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/invalid.ttl</a></p> |

#### 3.1.44.10.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-number:site-visit">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-number:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/invalid.ttl</a></p> |

#### 3.1.44.10.4. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-number:used-procedure">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-number:used-procedure</a>             |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/invalid.ttl</a> |

### 3.1.44.10.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-number:value-range">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-number:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be non-negative.   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/invalid.ttl</a> |

### 3.1.44.10.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-number:value-type">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-number:value-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-number/invalid.ttl</a></p> |

### 3.1.44.11. Age class Observation

#### 3.1.44.11.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:age-class:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/invalid.ttl</a></p> |

#### 3.1.44.11.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:age-class:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Age class codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Age class codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Adult</a></li> <li><a href="#">Eggs/egg mass</a></li> <li><a href="#">Immature (sub-adult)</a></li> <li><a href="#">Juvenile</a></li> <li><a href="#">Larvae</a></li> <li><a href="#">Metamorph</a></li> <li><a href="#">Not Applicable</a></li> <li><a href="#">Nymph</a></li> <li><a href="#">Tadpole</a></li> <li><a href="#">Unknown</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/invalid.ttl</a></p>  |

### 3.1.44.11.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:age-class:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/invalid.ttl</a></p> |

#### 3.1.44.11.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:age-class:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/invalid.ttl</a></p> |

#### 3.1.44.11.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:age-class:used-procedure">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:age-class:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a><br><br><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/invalid.ttl</a></p> |

### 3.1.44.11.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:age-class:value-type">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:age-class:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/invalid.ttl</a></p> |

### 3.1.44.11.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:age-class:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>0e2641c3-0d7e-4d94-8cd7-02c21d564630\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630">https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630">https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630</a> is the IRI for "Age class codes".                               |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/age-class/invalid.ttl</a> |

### 3.1.44.12. Pouch young size Observation

#### 3.1.44.12.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-size:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/invalid.ttl</a> |

### 3.1.44.12.2. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-size:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/invalid.ttl</a> |

### 3.1.44.12.3. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-size:site-visit</a> |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.           |
| Status              | <a href="#">submitted</a>         |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/shapes.ttl   |
| Examples   | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/invalid.ttl |

#### 3.1.44.12.4. Unit of measure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-size:unit-of-measure  |
| Label               | Unit of measure  |
| Definition          | The result <i>MUST</i> have <code>unit:MilliM</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:MilliM</code> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/shapes.ttl   |
| Examples            | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/invalid.ttl |

#### 3.1.44.12.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-size:used-procedure  |
| Label      | Used procedure  |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol". |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/invalid.ttl</a></p> |

### 3.1.44.12.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-size:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/invalid.ttl</a></p> |

### 3.1.44.12.7. Value type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-size:value-type</a> |
| Label      | Value type   |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .                            |
| Status     | submitted <input type="radio"/>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-size/invalid.ttl</a></p> |

### 3.1.44.13. Teat status Observation

#### 3.1.44.13.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:teat-status:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/invalid.ttl</a></p> |

#### 3.1.44.13.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:teat-status:result-value</a>   |
| Label      | Result value  |
| Definition | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Animal teats condition codes controlled vocabulary. |

| Property              | Value   |
|-----------------------|---|
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Animal teats condition codes controlled vocabulary.  |
| Status                | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Button</code></li> <li><code>Distended</code></li> <li><code>Lactating</code></li> </ul>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/shapes.ttl</code>  |
| Examples              | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/invalid.ttl</code></p> |

### 3.1.44.13.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:teat-status:simple-result</code>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/invalid.ttl</code></p> |

### 3.1.44.13.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:teat-status:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/invalid.ttl</a></p> |

### 3.1.44.13.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:teat-status:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/invalid.ttl</a> |

### 3.1.44.13.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:teat-status:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/invalid.ttl</a> |

### 3.1.44.13.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:teat-status:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">d2665d51-db1d-48ad-a80d-48593d280b76\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d2665d51-db1d-48ad-a80d-48593d280b76">https://linked.data.gov.au/def/nrm/d2665d51-db1d-48ad-a80d-48593d280b76</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/d2665d51-db1d-48ad-a80d-48593d280b76">https://linked.data.gov.au/def/nrm/d2665d51-db1d-48ad-a80d-48593d280b76</a> is the IRI for "Animal teats condition codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value  |
|------------|--|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/shapes.ttl  |
| Examples   | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/teat-status/invalid.ttl |

### 3.1.44.14. Body length Observation

#### 3.1.44.14.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-length:feature-type  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>animal individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl  |
| Examples            | Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl<br><br>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl |

#### 3.1.44.14.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-length:simple-result  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl</a></p> |

#### 3.1.44.14.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-length:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl</a></p> |

#### 3.1.44.14.4. Unit of measure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-length:unit-of-measure</a> |
| Label      | Unit of measure  |
| Definition | The result <i>MUST</i> have <a href="#">unit:M</a> as the value for <a href="#">tern:unit</a> .                      |
| Comment    | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M</a> .                                   |
| Status     | <a href="#">submitted</a>         |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl</a></p> |

#### 3.1.44.14.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-length:used-procedure">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-length:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".</p>   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl</a></p> |

#### 3.1.44.14.6. Value range

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-length:value-range">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-length:value-range</a> |
| Label      | Value range   |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl</a></p> |

### 3.1.44.14.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:body-length:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/body-length/invalid.ttl</a></p> |

### 3.1.44.15. Field species name Observation

#### 3.1.44.15.1. Datatype

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:field-species-name:datatype</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:string.   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/invalid.ttl</code></p> |

### 3.1.44.15.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:field-species-name:feature-type</code>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>animal individual</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/invalid.ttl</code></p> |

### 3.1.44.15.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:field-species-name:simple-result</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/invalid.ttl</a></p> |

#### 3.1.44.15.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:field-species-name:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/invalid.ttl</a></p> |

#### 3.1.44.15.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:field-species-name:used-procedure">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:field-species-name:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.44.15.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:field-species-name:value-type">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:field-species-name:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.44.16. Pouch young development class Observation

#### 3.1.44.16.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-development-class:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <b>MUST</b> be link: <a href="#">animal individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/invalid.ttl</a></p> |

#### 3.1.44.16.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-development-class:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <b>MUST</b> exist in the Vertebrate pouch young development classes codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <b>MUST</b> be a value in <a href="#">sh:in</a> , which is the Vertebrate pouch young development classes codes controlled vocabulary. |
| Status                | <a href="#">submitted</a>  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <b>MUST</b> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Haired</a></li> <li><a href="#">Unhaired</a></li> </ul>         |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value   |
|------------|---|
| Validators | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/invalid.ttl</a></p> |

#### 3.1.44.16.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-development-class:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/invalid.ttl</a></p> |

#### 3.1.44.16.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-development-class:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.                        |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/shapes.ttl   |
| Examples   | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/invalid.ttl</p> |

### 3.1.44.16.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-development-class:used-procedure   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/shapes.ttl   |
| Examples            | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/invalid.ttl</p>   |

### 3.1.44.16.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-development-class:value-type |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .                                 |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/shapes.ttl   |
| Examples            | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/invalid.ttl</p> |

### 3.1.44.16.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:pouch-young-development-class:vocabulary   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>6a69b9e5-4a1e-4ef5-b79e-d8cea6e3d97b\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/6a69b9e5-4a1e-4ef5-b79e-d8cea6e3d97b">https://linked.data.gov.au/def/nrm/6a69b9e5-4a1e-4ef5-b79e-d8cea6e3d97b</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/6a69b9e5-4a1e-4ef5-b79e-d8cea6e3d97b">https://linked.data.gov.au/def/nrm/6a69b9e5-4a1e-4ef5-b79e-d8cea6e3d97b</a> is the IRI for "Vertebrate pouch young development classes codes".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/shapes.ttl   |
| Examples            | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/pouch-young-development-class/invalid.ttl</p>   |

### 3.1.44.17. Animal weight Observation

#### 3.1.44.17.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:animal-weight:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/invalid.ttl</a></p> |

### 3.1.44.17.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:animal-weight:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/invalid.ttl</a></p> |

### 3.1.44.17.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:animal-weight:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Identify, measure and release protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/invalid.ttl</a></p> |

#### 3.1.44.17.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:animal-weight:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:GM</a> as the value for <a href="#">tern:unit</a> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:GM</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/invalid.ttl</a></p> |

#### 3.1.44.17.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:animal-weight:used-procedure">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:animal-weight:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a><br><br><a href="https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63">https://linked.data.gov.au/def/nrm/7942c1d3-8cfc-4d74-931d-850cacfa5a63</a> is the IRI for "Identify, measure and release protocol".  |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/invalid.ttl</a> |

### 3.1.44.17.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:animal-weight:value-range">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:animal-weight:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/invalid.ttl</a> |

### 3.1.44.17.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-identify-measure-and-release-protocol-shapes:animal-weight:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-identify-measure-and-release-protocol-shapes/animal-weight/invalid.ttl</a></p> |

## 3.1.45. Vertebrate Fauna - Bird survey protocol Conformance Class Requirements

### 3.1.45.1. Weather site precipitation Observation

#### 3.1.45.1.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-precipitation:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/shapes.ttl</a>                            |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/invalid.ttl</a> |

### 3.1.45.1.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-precipitation:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather precipitations codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather precipitations codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Drizzle</a></li> <li><a href="#">Fog</a></li> <li><a href="#">Frost</a></li> <li><a href="#">Mist</a></li> <li><a href="#">None observed</a></li> <li><a href="#">Rain</a></li> <li><a href="#">Showers</a></li> <li><a href="#">Thunderstorms</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

#### 3.1.45.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-precipitation:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

#### 3.1.45.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-precipitation:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Bird survey protocol are made in the context of a site visit.                      |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.45.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-precipitation:used-procedure">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-precipitation:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> is the IRI for "Bird survey protocol".</p>   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.45.1.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-precipitation:value-type">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-precipitation:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.45.1.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-precipitation:vocabulary">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-precipitation:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>36e4cff5-f238-45e3-85ec-bdd0973f09d7\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a> is the IRI for "Weather precipitations codes".</p>                   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.45.2. Sex Observation

#### 3.1.45.2.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:sex:feature-type">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:sex:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">bird population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>bird population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/invalid.ttl</a></p> |

### 3.1.45.2.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:sex:result-value</a>   |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Animal sex codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Animal sex codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Female</a></li> <li><a href="#">Male</a></li> <li><a href="#">Mixed Sexes</a></li> <li><a href="#">NA</a></li> <li><a href="#">Not Recorded</a></li> <li><a href="#">Unknown</a></li> </ul> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/shapes.ttl</a>  |
| Examples   | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/invalid.ttl</a></p> |

### 3.1.45.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:sex:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/invalid.ttl</a></p> |

### 3.1.45.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:sex:site-visit</a>                        |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Bird survey protocol are made in the context of a site visit.                      |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/invalid.ttl</a></p> |

### 3.1.45.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:sex:used-procedure">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:sex:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> is the IRI for "Bird survey protocol".</p> |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/invalid.ttl</a></p>                 |

### 3.1.45.2.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:sex:value-type">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:sex:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <b>tern:IRI</b> .  |
| Comment    | The value of <b>sosa:hasResult</b> <i>MUST</i> be a <b>tern:IRI</b> .   |
| Status     | <a href="#">submitted</a> <input type="radio"/>   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/invalid.ttl</a></p> |

### 3.1.45.2.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:sex:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>fcc3a1e1-3e35-4a4f-bd44-eface035025c\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c">https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c">https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c</a> is the IRI for "Animal sex codes".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/sex/invalid.ttl</a></p>   |

### 3.1.45.3. Weather site cloud cover Observation

#### 3.1.45.3.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-cloud-cover:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.45.3.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-cloud-cover:result-value">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-cloud-cover:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather cloud covers codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather cloud covers codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Cloudy</a></li> <li><a href="#">Mostly Sunny</a></li> <li><a href="#">Overcast</a></li> <li><a href="#">Partly Cloudy</a></li> <li><a href="#">Sunny</a></li> </ul> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.45.3.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-cloud-cover:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.45.3.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-cloud-cover:site-visit</a>   |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment    | Observations following the Bird survey protocol are made in the context of a site visit.                      |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.45.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-cloud-cover:used-procedure">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-cloud-cover:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> is the IRI for "Bird survey protocol".</p>   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.45.3.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-cloud-cover:value-type">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-cloud-cover:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.45.3.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-cloud-cover:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">b001aab8-d5c2-4268-a750-bed499386691\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a> is the IRI for "Weather cloud covers codes".</p>       |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.45.4. Bird activity type Observation

### 3.1.45.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-activity-type:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">bird population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>bird population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl</a></p> |

### 3.1.45.4.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-activity-type:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Fauna bird activity types codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Fauna bird activity types codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Flying over circling<br><br>Flying overhead<br><br>Flying within survey area at strata level<br><br>Foraging on ground<br><br>Foraging on shrub<br><br>Foraging on tree<br><br>Resting on ground<br><br>Resting on shrub<br><br>Resting on tree<br><br>Unknown  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl</a> |

### 3.1.45.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-activity-type:simple-result">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-activity-type:simple-result</a> |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .                                   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl</a></p> |

#### 3.1.45.4.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-activity-type:site-visit">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-activity-type:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Bird survey protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl</a></p> |

#### 3.1.45.4.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-activity-type:used-procedure">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-activity-type:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .   |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> is the IRI for "Bird survey protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl</a></p> |

#### 3.1.45.4.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-activity-type:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl</a></p> |

#### 3.1.45.4.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-activity-type:vocabulary</a>                               |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">c7a51f30-97e8-4232-b1f3-a248d58f1a60\$</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c7a51f30-97e8-4232-b1f3-a248d58f1a60">https://linked.data.gov.au/def/nrm/c7a51f30-97e8-4232-b1f3-a248d58f1a60</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/c7a51f30-97e8-4232-b1f3-a248d58f1a60">https://linked.data.gov.au/def/nrm/c7a51f30-97e8-4232-b1f3-a248d58f1a60</a> is the IRI for "Fauna bird activity types codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-activity-type/invalid.ttl</a></p>                  |

### 3.1.45.5. Weather site temperature Observation

#### 3.1.45.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-temperature:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.45.5.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-temperature:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather temperatures codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather temperatures codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Cold</a></li> <li><a href="#">Cool</a></li> <li><a href="#">Hot</a></li> <li><a href="#">Very Cold</a></li> <li><a href="#">Very Hot</a></li> <li><a href="#">Warm</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/invalid.ttl</a></p>                    |

### 3.1.45.5.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-temperature:simple-result</a>  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/invalid.ttl</code></p> |

#### 3.1.45.5.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-temperature:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Bird survey protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/invalid.ttl</code></p> |

#### 3.1.45.5.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-temperature:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> is the IRI for "Bird survey protocol".   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.45.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-temperature:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.45.5.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-temperature:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">cd1530af-09a6-4666-98d5-580c0e65cf10\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> is the IRI for "Weather temperatures codes".      |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.45.6. Number of individuals Observation

#### 3.1.45.6.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:number-of-individuals:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">bird population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>bird population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/shapes.ttl</a> |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.45.6.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:number-of-individuals:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.45.6.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:number-of-individuals:site-visit</a>      |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .                                 |
| Comment             | Observations following the Bird survey protocol are made in the context of a site visit.                      |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

#### 3.1.45.6.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:number-of-individuals:used-procedure">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:number-of-individuals:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> is the IRI for "Bird survey protocol".</p>   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

#### 3.1.45.6.5. Value range

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:number-of-individuals:value-range">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:number-of-individuals:value-range</a> |
| Label      | Value range   |
| Definition | The result <i>MUST</i> have a non-negative value.   |
| Comment    | Value <i>MUST</i> be non-negative.  |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.45.6.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:number-of-individuals:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.45.7. Field species name Observation

#### 3.1.45.7.1. Datatype

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:field-species-name:datatype</a> |
| Label      | Datatype  |
| Definition | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.                    |
| Comment    | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.                              |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/shapes.ttl   |
| Examples            | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/invalid.ttl</p> |

### 3.1.45.7.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:field-species-name:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>bird population</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>bird population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/shapes.ttl   |
| Examples            | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/invalid.ttl</p> |

### 3.1.45.7.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:field-species-name:simple-result  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/invalid.ttl</code></p> |

#### 3.1.45.7.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:field-species-name:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Bird survey protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/valid.ttl</code></p> <p>Invalid: <code>/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/invalid.ttl</code></p> |

#### 3.1.45.7.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:field-species-name:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> is the IRI for "Bird survey protocol".   |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.45.7.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:field-species-name:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:Text</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Text</code> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/field-species-name/invalid.ttl</a></p> |

### 3.1.45.8. Maturity Observation

### 3.1.45.8.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:maturity:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">bird population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>bird population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/invalid.ttl</a></p> |

### 3.1.45.8.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:maturity:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Fauna maturities codes controlled vocabulary.  |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Fauna maturities codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Adult</a></li> <li><a href="#">Immature</a></li> <li><a href="#">Juvenile</a></li> <li><a href="#">Unknown</a></li> </ul> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/invalid.ttl</a></p> |

### 3.1.45.8.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:maturity:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/invalid.ttl</a></p> |

### 3.1.45.8.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:maturity:site-visit</a>                   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Bird survey protocol are made in the context of a site visit.                      |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/invalid.ttl</a></p> |

### 3.1.45.8.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:maturity:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> is the IRI for "Bird survey protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/invalid.ttl</a></p>   |

### 3.1.45.8.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:maturity:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                            |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .           |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/shapes.ttl   |
| Examples            | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/invalid.ttl</p> |

### 3.1.45.8.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:maturity:vocabulary   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>a01656de-9627-4067-ad09-269242badbcb\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/a01656de-9627-4067-ad09-269242badbcb">https://linked.data.gov.au/def/nrm/a01656de-9627-4067-ad09-269242badbcb</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/a01656de-9627-4067-ad09-269242badbcb">https://linked.data.gov.au/def/nrm/a01656de-9627-4067-ad09-269242badbcb</a> is the IRI for "Fauna maturities codes".</p> |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/shapes.ttl   |
| Examples            | <p>Valid: /shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/valid.ttl</p> <p>Invalid: /shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/maturity/invalid.ttl</p>   |

### 3.1.45.9. Weather site wind Observation

#### 3.1.45.9.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-wind:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.45.9.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-wind:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Weather winds codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Weather winds codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Calm<br><br>Fresh winds<br><br>Gale<br><br>Light winds<br><br>Moderate winds<br><br>Near gale<br><br>Storm<br><br>Strong gale<br><br>Strong winds<br><br>Violent storm                              |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/invalid.ttl</a> |

### 3.1.45.9.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-wind:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

#### 3.1.45.9.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-wind:site-visit">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-wind:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Bird survey protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

#### 3.1.45.9.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-wind:used-procedure">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-wind:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .   |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> is the IRI for "Bird survey protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.45.9.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-wind:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.45.9.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:weather-site-wind:vocabulary</a>                             |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>0fb03c4e-ad42-445a-a2c5-688d7d7effd8\$</code> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> is the IRI for "Weather winds codes". |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/weather-site-wind/invalid.ttl</a>           |

### 3.1.45.10. Bird breeding activity Observation

#### 3.1.45.10.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-breeding-activity:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">bird population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>bird population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/invalid.ttl</a> |

### 3.1.45.10.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-breeding-activity:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Fauna bird breeding types codes controlled vocabulary.   |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Fauna bird breeding types codes controlled vocabulary.   |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Diagnostic behaviour</a></li> <li><a href="#">Nest with eggs</a></li> <li><a href="#">Nest with young</a></li> <li><a href="#">Not applicable</a></li> <li><a href="#">Recently fledged young</a></li> <li><a href="#">Suggestive behaviour</a></li> <li><a href="#">Unknown</a></li> <li><a href="#">Young out of nest</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/invalid.ttl</a></p>   |

### 3.1.45.10.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-breeding-activity:simple-result</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/invalid.ttl</a></p> |

#### 3.1.45.10.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-breeding-activity:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Bird survey protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/invalid.ttl</a></p> |

#### 3.1.45.10.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-breeding-activity:used-procedure">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-breeding-activity:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382">https://linked.data.gov.au/def/nrm/98db8232-2c51-4907-99a7-0ccb8b825382</a> is the IRI for "Bird survey protocol".   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/invalid.ttl</a></p> |

### 3.1.45.10.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-breeding-activity:value-type">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-breeding-activity:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/valid.ttl</a></p> <p>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/invalid.ttl</a></p> |

### 3.1.45.10.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-breeding-activity:vocabulary">urn:shapes:vertebrate-fauna-bird-survey-protocol-shapes:bird-breeding-activity:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>028f570d-0cf0-4e94-b288-ac8d852f2230\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/028f570d-0cf0-4e94-b288-ac8d852f2230">https://linked.data.gov.au/def/nrm/028f570d-0cf0-4e94-b288-ac8d852f2230</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/028f570d-0cf0-4e94-b288-ac8d852f2230">https://linked.data.gov.au/def/nrm/028f570d-0cf0-4e94-b288-ac8d852f2230</a> is the IRI for "Fauna bird breeding types codes". |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/shapes.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/valid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/valid.ttl</a><br><br>Invalid: <a href="/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/invalid.ttl">/shapes/vertebrate-fauna/vertebrate-fauna-bird-survey-protocol-shapes/bird-breeding-activity/invalid.ttl</a>   |

## 3.1.46. Targeted Survey Module

This module has 4 sub modules. Fauna protocol and Flora protocol both have sub protocols.

### 3.1.47. Targeted Survey - General Field protocol Conformance Class Requirements

#### 3.1.47.1. Weather duration of precipitation Observation

##### 3.1.47.1.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-duration-of-precipitation:feature-type">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-duration-of-precipitation:feature-type</a> |
| Label      | Feature type  |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>climate</code> .  |
| Comment    | TERN's ecologists have determined the feature type is <code>climate</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status     | <a href="#">submitted</a> ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/invalid.ttl</a></p> |

### 3.1.47.1.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-duration-of-precipitation:result-value">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-duration-of-precipitation:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather precipitation durations codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather precipitation durations codes controlled vocabulary.  |
| Status                | submitted <input type="radio"/>  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Brief</a></li> <li><a href="#">Continuous</a></li> <li><a href="#">Frequent</a></li> <li><a href="#">Intermediate</a></li> <li><a href="#">Occasional</a></li> <li><a href="#">Periods of rain</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/invalid.ttl</a> |

### 3.1.47.1.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-duration-of-precipitation:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/invalid.ttl</a> |

### 3.1.47.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-duration-of-precipitation:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the General field survey details protocol are made in the context of a site visit.             |
| Status              | <a href="#">submitted</a>          |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | /shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/shapes.ttl   |
| Examples   | Valid: /shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/valid.ttl<br><br>Invalid: /shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/invalid.ttl |

### 3.1.47.1.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:targeted-survey-general-field-protocol-shapes:weather-duration-of-precipitation:used-procedure  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> is the IRI for "General field survey details protocol". |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/shapes.ttl   |
| Examples            | Valid: /shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/valid.ttl<br><br>Invalid: /shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/invalid.ttl   |

### 3.1.47.1.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:targeted-survey-general-field-protocol-shapes:weather-duration-of-precipitation:value-type |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .                                      |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .                     |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/invalid.ttl</a></p> |

### 3.1.47.1.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-duration-of-precipitation:vocabulary">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-duration-of-precipitation:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="34789810-a3bc-4def-9ddb-d14ff4ba02ea\$">34789810-a3bc-4def-9ddb-d14ff4ba02ea\$</a> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/34789810-a3bc-4def-9ddb-d14ff4ba02ea">https://linked.data.gov.au/def/nrm/34789810-a3bc-4def-9ddb-d14ff4ba02ea</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/34789810-a3bc-4def-9ddb-d14ff4ba02ea">https://linked.data.gov.au/def/nrm/34789810-a3bc-4def-9ddb-d14ff4ba02ea</a> is the IRI for "Weather precipitation durations codes".</p>                                      |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-duration-of-precipitation/invalid.ttl</a></p> |

### 3.1.47.2. Weather site precipitation Observation

#### 3.1.47.2.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-precipitation:feature-type">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-precipitation:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.47.2.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-precipitation:result-value">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-precipitation:result-value</a> |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather precipitations codes controlled vocabulary.  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather precipitations codes controlled vocabulary.  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Drizzle<br><br>Fog<br><br>Frost<br><br>Mist<br><br>None observed<br><br>Rain<br><br>Showers<br><br>Thunderstorms  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/shapes.ttl</a>  |
| Examples              | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl</a> |

### 3.1.47.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-precipitation:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/shapes.ttl</a>                                   |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

#### 3.1.47.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-precipitation:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the General field survey details protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

#### 3.1.47.2.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-precipitation:used-procedure</a>   |
| Label      | Used procedure   |
| Definition | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> .   |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> is the IRI for "General field survey details protocol".</p> |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.47.2.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-precipitation:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.47.2.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-precipitation:vocabulary</a>                   |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>36e4cff5-f238-45e3-85ec-bdd0973f09d7\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7">https://linked.data.gov.au/def/nrm/36e4cff5-f238-45e3-85ec-bdd0973f09d7</a> is the IRI for "Weather precipitations codes".                         |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-precipitation/invalid.ttl</a></p> |

### 3.1.47.3. Weather site cloud cover Observation

#### 3.1.47.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-cloud-cover:feature-type">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-cloud-cover:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.47.3.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <code>urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-cloud-cover:result-value</code>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather cloud covers codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather cloud covers codes controlled vocabulary.  |
| Status                | <code>submitted</code>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Cloudy</code></li> <li><code>Mostly Sunny</code></li> <li><code>Overcast</code></li> <li><code>Partly Cloudy</code></li> <li><code>Sunny</code></li> </ul>     |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <code>/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl</code>  |
| Examples              | <p>Valid: <code>/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl</code></p> <p>Invalid: <code>/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl</code></p> |

### 3.1.47.3.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-cloud-cover:simple-result</code>  |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.47.3.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-cloud-cover:site-visit">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-cloud-cover:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the General field survey details protocol are made in the context of a site visit.   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.47.3.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-cloud-cover:used-procedure">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-cloud-cover:used-procedure</a>                                 |
| Label      | Used procedure  |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> . |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> is the IRI for "General field survey details protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.47.3.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-cloud-cover:value-type">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-cloud-cover:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a> |

### 3.1.47.3.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-cloud-cover:vocabulary">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-cloud-cover:vocabulary</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>b001aab8-d5c2-4268-a750-bed499386691\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691">https://linked.data.gov.au/def/nrm/b001aab8-d5c2-4268-a750-bed499386691</a> is the IRI for "Weather cloud covers codes".</p>             |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-cloud-cover/invalid.ttl</a></p> |

### 3.1.47.4. Weather site temperature Observation

#### 3.1.47.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-temperature:feature-type</code>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">climate</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/shapes.ttl</a> |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.47.4.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-temperature:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather temperatures codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather temperatures codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Cold</a></li> <li><a href="#">Cool</a></li> <li><a href="#">Hot</a></li> <li><a href="#">Very Cold</a></li> <li><a href="#">Very Hot</a></li> <li><a href="#">Warm</a></li> </ul>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.47.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-temperature:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.47.4.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-temperature:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the General field survey details protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/invalid.ttl</a></p> |

### 3.1.47.4.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-temperature:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> is the IRI for "General field survey details protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.47.4.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-temperature:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.47.4.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-temperature:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">cd1530af-09a6-4666-98d5-580c0e65cf10\$</a> .  |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10">https://linked.data.gov.au/def/nrm/cd1530af-09a6-4666-98d5-580c0e65cf10</a> is the IRI for "Weather temperatures codes".      |
| Status              | submitted   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-temperature/invalid.ttl</a> |

### 3.1.47.5. Weather site wind Observation

#### 3.1.47.5.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-wind:feature-type</a>                               |
| Label      | Feature type  |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">climate</a> .  |
| Comment    | TERN's ecologists have determined the feature type is <i>climate</i> , defined by the Australian Soil and Land Survey Field Handbook. |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.47.5.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-wind:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Weather winds codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Weather winds codes controlled vocabulary. |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Calm<br><br>Fresh winds<br><br>Gale<br><br>Light winds<br><br>Moderate winds<br><br>Near gale<br><br>Storm<br><br>Strong gale<br><br>Strong winds<br><br>Violent storm                              |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples              | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/invalid.ttl</a> |

### 3.1.47.5.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-wind:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

#### 3.1.47.5.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-wind:site-visit">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-wind:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the General field survey details protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

#### 3.1.47.5.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-wind:used-procedure">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-wind:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33">https://linked.data.gov.au/def/nrm/33544e85-741a-4646-ba32-c820486f0a33</a> is the IRI for "General field survey details protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.47.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-wind:value-type">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-wind:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/invalid.ttl</a></p> |

### 3.1.47.5.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-wind:vocabulary">urn:shapes:targeted-survey-general-field-protocol-shapes:weather-site-wind:vocabulary</a> |
| Label      | Vocabulary  |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>0fb03c4e-ad42-445a-a2c5-688d7d7effd8\$</code> .  |

| Property            | Value  |
|---------------------|--|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8">https://linked.data.gov.au/def/nrm/0fb03c4e-ad42-445a-a2c5-688d7d7effd8</a> is the IRI for "Weather winds codes". |
| Status              | <code>submitted</code> <input type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/shapes.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/valid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/invalid.ttl">/shapes/targeted-survey/targeted-survey-general-field-protocol-shapes/weather-site-wind/invalid.ttl</a>           |

### 3.1.48. Targeted Survey - Fauna protocol

This protocol has two sub protocols - Active and Passive protocol

### 3.1.49. Targeted Survey - Fauna Active protocol Conformance Class Requirements

#### 3.1.49.1. Habitat description Observation

##### 3.1.49.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-fauna-active-protocol-shapes:habitat-description:feature-type">urn:shapes:targeted-survey-fauna-active-protocol-shapes:habitat-description:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">habitat</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>habitat</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/invalid.ttl</a> |

### 3.1.49.1.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-active-protocol-shapes:habitat-description:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Habitat description codes controlled vocabulary or it's text value.   |
| Comment             | If value type is <a href="#">tern:IRI</a> , the value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Habitat description codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | If value type is <code>tern:IRI</code> , the result value MUST be from the following list:<br><br>Beach<br><br>Billabong or Swamp<br><br>Cave<br><br>Chenopod shrubland<br><br>Closed chenopod shrubland<br><br>Closed fernland<br><br>Closed formland<br><br>Closed forest<br><br>Closed heathland<br><br>Closed hummock grassland<br><br>Closed lichenland<br><br>Closed liverwortland<br><br>Closed mallee forest<br><br>Closed mallee shrubland<br><br>Closed mossland<br><br>Closed rushland<br><br>Closed sedgeland<br><br>Closed shrubland<br><br>Closed sod grassland<br><br>Closed tussock grassland<br><br>Closed vineland<br><br>Coastal Waters<br><br>Crop Land |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.49.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-fauna-active-protocol-shapes:habitat-description:simple-result">urn:shapes:targeted-survey-fauna-active-protocol-shapes:habitat-description:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.49.1.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-fauna-active-protocol-shapes:habitat-description:site-visit">urn:shapes:targeted-survey-fauna-active-protocol-shapes:habitat-description:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment    | Observations following the Targeted survey - Fauna active protocol are made in the context of a site visit.   |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.49.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-fauna-active-protocol-shapes:habitat-description:used-procedure">urn:shapes:targeted-survey-fauna-active-protocol-shapes:habitat-description:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4bfc4796-a02f-461f-b17d-383aad328e61">https://linked.data.gov.au/def/nrm/4bfc4796-a02f-461f-b17d-383aad328e61</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4bfc4796-a02f-461f-b17d-383aad328e61">https://linked.data.gov.au/def/nrm/4bfc4796-a02f-461f-b17d-383aad328e61</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/4bfc4796-a02f-461f-b17d-383aad328e61">https://linked.data.gov.au/def/nrm/4bfc4796-a02f-461f-b17d-383aad328e61</a> is the IRI for "Fauna - active protocol".</p>  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.49.1.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-fauna-active-protocol-shapes:habitat-description:value-type">urn:shapes:targeted-survey-fauna-active-protocol-shapes:habitat-description:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> or <code>tern:Text</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> or <code>tern:Text</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/valid.ttl</code></p> <p>Invalid: <code>/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/invalid.ttl</code></p> |

### 3.1.49.1.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:targeted-survey-fauna-active-protocol-shapes:habitat-description:vocabulary</code>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f\$</code> .  |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a> is the IRI for "Habitat description codes".</p> |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <code>/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/valid.ttl</code></p> <p>Invalid: <code>/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/habitat-description/invalid.ttl</code></p>  |

### 3.1.49.2. Number of individuals Observation

### 3.1.49.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-active-protocol-shapes:number-of-individuals:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.49.2.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-active-protocol-shapes:number-of-individuals:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.49.2.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-active-protocol-shapes:number-of-individuals:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Fauna - active protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.49.2.4. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-active-protocol-shapes:number-of-individuals:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4bfc4796-a02f-461f-b17d-383aad328e61">https://linked.data.gov.au/def/nrm/4bfc4796-a02f-461f-b17d-383aad328e61</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4bfc4796-a02f-461f-b17d-383aad328e61">https://linked.data.gov.au/def/nrm/4bfc4796-a02f-461f-b17d-383aad328e61</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/4bfc4796-a02f-461f-b17d-383aad328e61">https://linked.data.gov.au/def/nrm/4bfc4796-a02f-461f-b17d-383aad328e61</a> is the IRI for "Fauna - active protocol".</p> |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/invalid.ttl</a> |

### 3.1.49.2.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-active-protocol-shapes:number-of-individuals:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be non-negative.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/invalid.ttl</a> |

### 3.1.49.2.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-active-protocol-shapes:number-of-individuals:value-type</a>                                    |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | <a href="#">submitted</a>                                |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-active-protocol-shapes/number-of-individuals/invalid.ttl</a> |

## 3.1.50. Targeted Survey - Fauna Passive protocol Conformance Class Requirements

### 3.1.50.1. Sex Observation

#### 3.1.50.1.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:sex:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <b>MUST</b> be link: <a href="#">animal individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/invalid.ttl</a> |

#### 3.1.50.1.2. Result value

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:sex:result-value</a>  |
| Label      | Result value   |
| Definition | The value of <a href="#">rdf:value</a> <b>MUST</b> exist in the Animal sex codes controlled vocabulary.  |
| Comment    | The value in <a href="#">sosa:hasResult</a> <b>MUST</b> be a value in <a href="#">sh:in</a> , which is the Animal sex codes controlled vocabulary. |
| Status     | <a href="#">submitted</a> <input type="radio"/>  |

| Property              | Value  |
|-----------------------|--|
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br>Female<br><br>Male<br><br>Mixed Sexes<br><br>NA<br><br>Not Recorded<br><br>Unknown  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/shapes.ttl   |
| Examples              | Valid: /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/valid.ttl<br><br>Invalid: /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/invalid.ttl |

### 3.1.50.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:targeted-survey-fauna-passive-protocol-shapes:sex:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/shapes.ttl  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.50.1.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:sex:site-visit</a>  |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Fauna - passive protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/invalid.ttl</a> |

### 3.1.50.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:sex:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> is the IRI for "Fauna - passive protocol". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/shapes.ttl  |
| Examples   | <p>Valid: /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/valid.ttl</p> <p>Invalid: /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/invalid.ttl</p> |

### 3.1.50.1.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:targeted-survey-fauna-passive-protocol-shapes:sex:value-type   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/shapes.ttl  |
| Examples            | <p>Valid: /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/valid.ttl</p> <p>Invalid: /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/invalid.ttl</p> |

### 3.1.50.1.7. Vocabulary

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:targeted-survey-fauna-passive-protocol-shapes:sex:vocabulary   |
| Label      | Vocabulary  |
| Definition | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>fcc3a1e1-3e35-4a4f-bd44-eface035025c\$</code> .   |
| Comment    | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c">https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c">https://linked.data.gov.au/def/nrm/fcc3a1e1-3e35-4a4f-bd44-eface035025c</a> is the IRI for "Animal sex codes".</p> |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/shapes.ttl  |
| Examples            | <p>Valid: /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/valid.ttl</p> <p>Invalid: /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/sex/invalid.ttl</p> |

### 3.1.50.2. Age class Observation

#### 3.1.50.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:targeted-survey-fauna-passive-protocol-shapes:age-class:feature-type   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/shapes.ttl  |
| Examples            | <p>Valid: /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/valid.ttl</p> <p>Invalid: /shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/invalid.ttl</p> |

#### 3.1.50.2.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:targeted-survey-fauna-passive-protocol-shapes:age-class:result-value                     |
| Label      | Result value  |
| Definition | The value of <code>rdf:value</code> <i>MUST</i> exist in the Age class codes controlled vocabulary. |

| Property              | Value   |
|-----------------------|---|
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Age class codes controlled vocabulary.   |
| Status                | <code>submitted</code> <input type="radio"/>  |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><code>Adult</code></li> <li><code>Eggs/egg mass</code></li> <li><code>Immature (sub-adult)</code></li> <li><code>Juvenile</code></li> <li><code>Larvae</code></li> <li><code>Metamorph</code></li> <li><code>Not Applicable</code></li> <li><code>Nymph</code></li> <li><code>Tadpole</code></li> <li><code>Unknown</code></li> </ul>  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/invalid.ttl</a></p> |

### 3.1.50.2.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:targeted-survey-fauna-passive-protocol-shapes:age-class:simple-result</code> |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/valid.ttl</code></p> <p>Invalid: <code>/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/invalid.ttl</code></p> |

#### 3.1.50.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:targeted-survey-fauna-passive-protocol-shapes:age-class:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Fauna - passive protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/valid.ttl</code></p> <p>Invalid: <code>/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/invalid.ttl</code></p> |

#### 3.1.50.2.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:targeted-survey-fauna-passive-protocol-shapes:age-class:used-procedure</code> |
| Label      | Used procedure   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> is the IRI for "Fauna - passive protocol". |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/invalid.ttl</a></p>   |

### 3.1.50.2.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:targeted-survey-fauna-passive-protocol-shapes:age-class:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/invalid.ttl</a></p> |

### 3.1.50.2.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:age-class:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>0e2641c3-0d7e-4d94-8cd7-02c21d564630\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630">https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630">https://linked.data.gov.au/def/nrm/0e2641c3-0d7e-4d94-8cd7-02c21d564630</a> is the IRI for "Age class codes".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/age-class/invalid.ttl</a> |

### 3.1.50.3. Microhabitat Observation

#### 3.1.50.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:microhabitat:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>habitat</code> .  |
| Comment             | TERN's ecologists have determined the feature type is <code>habitat</code> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/shapes.ttl</a> |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/invalid.ttl</a></p> |

### 3.1.50.3.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:microhabitat:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Microhabitats codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Microhabitats codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>                                      |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Artificial surface</p> <p>Bare ground</p> <p>Bark on tree</p> <p>Beach</p> <p>Bridge</p> <p>Building</p> <p>Burrow</p> <p>Canopy</p> <p>Cave</p> <p>Cliff</p> <p>Crest</p> <p>Crown</p> <p>Dam</p> <p>Dead mallee</p> <p>Dead shrub</p> <p>Dead tree</p> <p>Drainage line</p> <p>Edge of water</p> <p>Fence</p> <p>Foliage</p> <p>Grass</p> <p>Ground</p> <p>Ground cover</p> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/invalid.ttl</a></p> |

### 3.1.50.3.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:microhabitat:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/invalid.ttl</a></p> |

### 3.1.50.3.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:microhabitat:site-visit</a>              |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment    | Observations following the Fauna - passive protocol are made in the context of a site visit.                  |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/invalid.ttl</a></p> |

### 3.1.50.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-fauna-passive-protocol-shapes:microhabitat:used-procedure">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:microhabitat:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> is the IRI for "Fauna - passive protocol".</p>   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/invalid.ttl</a></p> |

### 3.1.50.3.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-fauna-passive-protocol-shapes:microhabitat:value-type">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:microhabitat:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/invalid.ttl</a></p> |

### 3.1.50.3.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:microhabitat:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>2cf23037-6afa-4523-8e9f-0bd86190ccc8\$</code> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/2cf23037-6afa-4523-8e9f-0bd86190ccc8">https://linked.data.gov.au/def/nrm/2cf23037-6afa-4523-8e9f-0bd86190ccc8</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/2cf23037-6afa-4523-8e9f-0bd86190ccc8">https://linked.data.gov.au/def/nrm/2cf23037-6afa-4523-8e9f-0bd86190ccc8</a> is the IRI for "Microhabitats codes".</p> |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/microhabitat/invalid.ttl</a></p>  |

### 3.1.50.4. Fauna length Observation

### 3.1.50.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:fauna-length:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">animal individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/invalid.ttl</a></p> |

### 3.1.50.4.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:fauna-length:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/invalid.ttl</a></p> |

### 3.1.50.4.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:fauna-length:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Fauna - passive protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/invalid.ttl</a></p> |

### 3.1.50.4.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:fauna-length:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/invalid.ttl</a></p> |

### 3.1.50.4.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:fauna-length:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> is the IRI for "Fauna - passive protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/invalid.ttl</a> |

### 3.1.50.4.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:fauna-length:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/invalid.ttl</a> |

### 3.1.50.4.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:fauna-length:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/fauna-length/invalid.ttl</a> |

### 3.1.50.5. Animal weight Observation

#### 3.1.50.5.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">animal individual</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>animal individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl</a></p> |

### 3.1.50.5.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:simple-result">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl</a></p> |

### 3.1.50.5.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:site-visit">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:site-visit</a> |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Fauna - passive protocol are made in the context of a site visit.  |
| Status              | submitted    |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl</a></p> |

#### 3.1.50.5.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:unit-of-measure">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <b>unit:GM</b> as the value for <b>tern:unit</b> .  |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <b>unit:GM</b> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl</a></p> |

#### 3.1.50.5.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:used-procedure">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:used-procedure</a>   |
| Label      | Used procedure  |
| Definition | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911">https://linked.data.gov.au/def/nrm/4741800d-1b44-4805-a849-4436c80ff911</a> is the IRI for "Fauna - passive protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl</a></p> |

### 3.1.50.5.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:value-range">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl</a></p> |

### 3.1.50.5.7. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:value-type">urn:shapes:targeted-survey-fauna-passive-protocol-shapes:animal-weight:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment    | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-fauna/targeted-survey-fauna-passive-protocol-shapes/animal-weight/invalid.ttl</a></p> |

### 3.1.51. Targeted Survey - Flora protocol

This protocol has two sub protocols - Observation and Population protocol

### 3.1.52. Targeted Survey - Flora Observation protocol Conformance Class Requirements

#### 3.1.52.1. Diameter at breast height dbh Observation

##### 3.1.52.1.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:diameter-at-breast-height-dbh:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant individual</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.52.1.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:diameter-at-breast-height-dbh:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

### 3.1.52.1.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:diameter-at-breast-height-dbh:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Flora - observation protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

#### 3.1.52.1.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:diameter-at-breast-height-dbh:unit-of-measure</a>  |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <code>unit:M</code> as the value for <code>tern:unit</code> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <code>unit:M</code> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a></p> |

#### 3.1.52.1.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:diameter-at-breast-height-dbh:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> is the IRI for "Flora - observation protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a> |

### 3.1.52.1.6. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:diameter-at-breast-height-dbh:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a positive value.  |
| Comment             | Value <i>MUST</i> be positive.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a> |

### 3.1.52.1.7. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:diameter-at-breast-height-dbh:value-type</a>                                    |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/diameter-at-breast-height-dbh/invalid.ttl</a> |

### 3.1.52.2. Growth stage Observation

#### 3.1.52.2.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-stage:feature-type</a>   |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/invalid.ttl</a> |

#### 3.1.52.2.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-stage:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Growth stages codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Growth stages codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |

| Property              | Value  |
|-----------------------|--|
| Property              | Value  |
| Controlled list items | The result value MUST be from the following list:<br><br>Dead<br><br>Mature<br><br>Recruiting<br><br>Resprouting<br><br>Senescent  |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.52.2.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-stage:simple-result">urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-stage:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.52.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-stage:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Flora - observation protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/invalid.ttl</a></p> |

### 3.1.52.2.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-stage:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> is the IRI for "Flora - observation protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.52.2.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-stage:value-type</a>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.52.2.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-stage:vocabulary</a>   |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>096e018a-fb8f-4ba1-9fdc-302164e57682\$</code> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> is the IRI for "Growth stages codes". |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/shapes.ttl   |
| Examples   | <p>Valid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/valid.ttl</p> <p>Invalid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-stage/invalid.ttl</p> |

### 3.1.52.3. Plant height Observation

#### 3.1.52.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-height:feature-type  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl   |
| Examples            | <p>Valid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl</p> <p>Invalid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl</p> |

#### 3.1.52.3.2. Simple result

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-height:simple-result   |
| Label      | Simple result   |
| Definition | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment    | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status     | submitted ○   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.52.3.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-height:site-visit">urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-height:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Flora - observation protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.52.3.4. Unit of measure

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-height:unit-of-measure">urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-height:unit-of-measure</a> |
| Label      | Unit of measure   |
| Definition | The result <i>MUST</i> have <a href="#">unit:M</a> as the value for <a href="#">tern:unit</a> .   |
| Comment    | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M</a> .  |
| Status     | <a href="#">submitted</a>    |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.52.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-height:used-procedure">urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-height:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> is the IRI for "Flora - observation protocol".</p>   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.52.3.6. Value range

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-height:value-range">urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-height:value-range</a> |
| Label      | Value range   |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.52.3.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-height:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-height/invalid.ttl</a></p> |

### 3.1.52.4. Plant size width Observation

#### 3.1.52.4.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-size-width:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant individual</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant individual</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/invalid.ttl</a></p> |

#### 3.1.52.4.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-size-width:simple-result</code>  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/invalid.ttl</a></p> |

#### 3.1.52.4.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-size-width:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Flora - observation protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/invalid.ttl</a></p> |

#### 3.1.52.4.4. Unit of measure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-size-width:unit-of-measure</a>   |
| Label               | Unit of measure   |
| Definition          | The result <i>MUST</i> have <a href="#">unit:M</a> as the value for <a href="#">tern:unit</a> .   |
| Comment             | Result value's unit of measure <i>MUST</i> have the value <a href="#">unit:M</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/invalid.ttl</a></p> |

#### 3.1.52.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-size-width:used-procedure">urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-size-width:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> is the IRI for "Flora - observation protocol".   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/invalid.ttl</a></p> |

### 3.1.52.4.6. Value range

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-size-width:value-range">urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-size-width:value-range</a>   |
| Label               | Value range   |
| Definition          | The result <i>MUST</i> have a positive value.   |
| Comment             | Value <i>MUST</i> be positive.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/invalid.ttl</a></p> |

### 3.1.52.4.7. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:plant-size-width:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Float</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Float</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/plant-size-width/invalid.ttl</a></p> |

### 3.1.52.5. Vegetation health Observation

#### 3.1.52.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:vegetation-health:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.52.5.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:vegetation-health:result-value</a>   |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Vegetation healths codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Vegetation healths codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Canopy health</a></li> <li><a href="#">Dieback from disease</a></li> <li><a href="#">Epicormic growth</a></li> <li><a href="#">Galls and lerps</a></li> <li><a href="#">Grazing</a></li> <li><a href="#">Insect damage</a></li> <li><a href="#">Mistletoe</a></li> </ul> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples              | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/invalid.ttl</a></p>   |

### 3.1.52.5.3. Simple result

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:vegetation-health:simple-result</a> |
| Label      | Simple result  |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

#### 3.1.52.5.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:targeted-survey-flora-observation-protocol-shapes:vegetation-health:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Flora - observation protocol are made in the context of a site visit.  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

#### 3.1.52.5.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:targeted-survey-flora-observation-protocol-shapes:vegetation-health:used-procedure</code> |

| Property            | Value  |
|---------------------|--|
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> is the IRI for "Flora - observation protocol".  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/invalid.ttl</a> |

### 3.1.52.5.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <code>urn:shapes:targeted-survey-flora-observation-protocol-shapes:vegetation-health:value-type</code>   |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .   |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .  |
| Status              | <code>submitted</code> ○   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/invalid.ttl</a> |

### 3.1.52.5.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:vegetation-health:vocabulary">urn:shapes:targeted-survey-flora-observation-protocol-shapes:vegetation-health:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <a href="785f818c-0c8c-480b-b8e5-43ea9fda70f0\$">785f818c-0c8c-480b-b8e5-43ea9fda70f0\$</a> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> is the IRI for "Vegetation healths codes".  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/vegetation-health/invalid.ttl</a> |

### 3.1.52.6. Life stage Observation

#### 3.1.52.6.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:life-stage:feature-type">urn:shapes:targeted-survey-flora-observation-protocol-shapes:life-stage:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/valid.ttl</a><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.52.6.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <code>urn:shapes:targeted-survey-flora-observation-protocol-shapes:life-stage:result-value</code>  |
| Label                 | Result value   |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Life stages codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Life stages codes controlled vocabulary.  |
| Status                | <code>submitted</code>   |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><code>Budding</code><br><br><code>Flowering</code><br><br><code>Immature Fruit</code><br><br><code>Mature Fruit</code><br><br><code>Recently Shed</code><br><br><code>Sapling</code><br><br><code>Seedling</code><br><br><code>Vegetative</code> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.52.6.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:life-stage:simple-result</a>  |
| Label               | Simple result  |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .  |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.52.6.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:life-stage:site-visit</a>            |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .                                 |
| Comment             | Observations following the Flora - observation protocol are made in the context of a site visit.              |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value  |
|------------|--|
| Validators | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl</a>  |
| Examples   | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.52.6.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:life-stage:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> is the IRI for "Flora - observation protocol".  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.52.6.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:life-stage:value-type</a>            |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .                             |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/invalid.ttl</a></p> |

### 3.1.52.6.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:life-stage:vocabulary">urn:shapes:targeted-survey-flora-observation-protocol-shapes:life-stage:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>5f82c583-167b-4ed2-b25e-4d67decb3f2d\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d">https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d">https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d</a> is the IRI for "Life stages codes".</p>  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/life-stage/invalid.ttl</a></p> |

### 3.1.52.7. Growth form Observation

#### 3.1.52.7.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-form:feature-type">urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-form:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant population</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/shapes.ttl</code>   |
| Examples            | <p>Valid: <code>/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/valid.ttl</code></p> <p>Invalid: <code>/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/invalid.ttl</code></p> |

### 3.1.52.7.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-form:result-value</code>  |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Growth form codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Growth form codes controlled vocabulary. |
| Status              | <code>submitted</code> <input checked="" type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Aquatic<br><br>Bryophyte<br><br>Chenopod<br><br>Cycad<br><br>Epiphyte<br><br>Fern<br><br>Forb<br><br>Fungus<br><br>Grass-tree<br><br>Heath-shrub<br><br>Hummock grass<br><br>Lichen<br><br>NC<br><br>Other Grass<br><br>Palm<br><br>Rush<br><br>Samphire Shrub<br><br>Seagrass<br><br>Sedge<br><br>Shrub<br><br>Shrub Mallee<br><br>Tree<br><br>Tree Mallee |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/shapes.ttl  |
| Examples   | <p>Valid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/valid.ttl</p> <p>Invalid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/invalid.ttl</p> |

### 3.1.52.7.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-form:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/shapes.ttl  |
| Examples            | <p>Valid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/valid.ttl</p> <p>Invalid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/invalid.ttl</p> |

### 3.1.52.7.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-form:site-visit              |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                       |
| Comment    | Observations following the Flora - observation protocol are made in the context of a site visit. |
| Status     | submitted ○  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/shapes.ttl   |
| Examples            | Valid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/valid.ttl<br><br>Invalid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/invalid.ttl |

### 3.1.52.7.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-form:used-procedure   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> is the IRI for "Flora - observation protocol". |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/shapes.ttl  |
| Examples            | Valid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/valid.ttl<br><br>Invalid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/invalid.ttl  |

### 3.1.52.7.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-form:value-type |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/invalid.ttl</a></p> |

### 3.1.52.7.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:growth-form:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">d0fc07a7-3ec9-45ed-8850-885a32828d3c\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> is the IRI for "Growth form codes".</p>  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/growth-form/invalid.ttl</a></p> |

### 3.1.52.8. Habitat description Observation

### 3.1.52.8.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:habitat-description:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">habitat</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>habitat</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.52.8.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:habitat-description:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Habitat description codes controlled vocabulary or it's text value.   |
| Comment             | If value type is <a href="#">tern:IRI</a> , the value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Habitat description codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | If value type is <code>tern:IRI</code> , the result value MUST be from the following list:<br><br>Beach<br><br>Billabong or Swamp<br><br>Cave<br><br>Chenopod shrubland<br><br>Closed chenopod shrubland<br><br>Closed fernland<br><br>Closed formland<br><br>Closed forest<br><br>Closed heathland<br><br>Closed hummock grassland<br><br>Closed lichenland<br><br>Closed liverwortland<br><br>Closed mallee forest<br><br>Closed mallee shrubland<br><br>Closed mossland<br><br>Closed rushland<br><br>Closed sedgeland<br><br>Closed shrubland<br><br>Closed sod grassland<br><br>Closed tussock grassland<br><br>Closed vineland<br><br>Coastal Waters<br><br>Crop Land |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/shapes.ttl  |
| Examples   | <p>Valid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/valid.ttl</p> <p>Invalid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/invalid.ttl</p> |

### 3.1.52.8.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:targeted-survey-flora-observation-protocol-shapes:habitat-description:simple-result  |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/shapes.ttl  |
| Examples            | <p>Valid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/valid.ttl</p> <p>Invalid: /shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/invalid.ttl</p> |

### 3.1.52.8.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | urn:shapes:targeted-survey-flora-observation-protocol-shapes:habitat-description:site-visit                        |
| Label      | Site visit   |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .   |
| Comment    | Observations following the Targeted Survey - Flora - observation protocol are made in the context of a site visit. |
| Status     | submitted <input type="radio"/>  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/valid.ttl</a><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/invalid.ttl</a> |

### 3.1.52.8.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:habitat-description:used-procedure">urn:shapes:targeted-survey-flora-observation-protocol-shapes:habitat-description:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <b>sosa:usedProcedure</b> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .<br><a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> is the IRI for "Flora - observation protocol".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/valid.ttl</a><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/invalid.ttl</a> |

### 3.1.52.8.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:habitat-description:value-type">urn:shapes:targeted-survey-flora-observation-protocol-shapes:habitat-description:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> or <code>tern:Text</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> or <code>tern:Text</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.52.8.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:habitat-description:vocabulary">urn:shapes:targeted-survey-flora-observation-protocol-shapes:habitat-description:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a> is the IRI for "Habitat description codes".</p>  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.52.9. Number of individuals Observation

### 3.1.52.9.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:number-of-individuals:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant population</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.52.9.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:number-of-individuals:simple-result</a>  |
| Label               | Simple result   |
| Definition          | The observation's <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> have a value that is the same as the value in the value node of <a href="#">sosa:hasResult</a> .   |
| Comment             | Value of <a href="#">sosa:hasSimpleResult</a> <i>MUST</i> be the same as the value in <a href="#">sosa:hasResult</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.52.9.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:number-of-individuals:site-visit">urn:shapes:targeted-survey-flora-observation-protocol-shapes:number-of-individuals:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Flora - observation protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.52.9.4. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-observation-protocol-shapes:number-of-individuals:used-procedure">urn:shapes:targeted-survey-flora-observation-protocol-shapes:number-of-individuals:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59">https://linked.data.gov.au/def/nrm/015efdae-93af-48c5-9564-0cde72593d59</a> is the IRI for "Flora - observation protocol".</p> |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/shapes.ttl</a>   |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/invalid.ttl</a> |

### 3.1.52.9.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:number-of-individuals:value-range</a>   |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be non-negative.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/invalid.ttl</a> |

### 3.1.52.9.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-observation-protocol-shapes:number-of-individuals:value-type</a>                                    |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .  |
| Status              | <a href="#">submitted</a>                                     |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-observation-protocol-shapes/number-of-individuals/invalid.ttl</a> |

### 3.1.53. Targeted Survey - Flora Population protocol Conformance Class Requirements

#### 3.1.53.1. Growth stage Observation

##### 3.1.53.1.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-stage:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <b>MUST</b> be link: <a href="#">plant population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl</a> |

##### 3.1.53.1.2. Result value

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-stage:result-value</a>   |
| Label      | Result value  |
| Definition | The value of <a href="#">rdf:value</a> <b>MUST</b> exist in the Growth stages codes controlled vocabulary.  |
| Comment    | The value in <a href="#">sosa:hasResult</a> <b>MUST</b> be a value in <a href="#">sh:in</a> , which is the Growth stages codes controlled vocabulary. |

| Property              | Value   |
|-----------------------|---|
| Status                | submitted ○   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value MUST be from the following list:</p> <ul style="list-style-type: none"> <li>Dead</li> <li>Mature</li> <li>Recruiting</li> <li>Resprouting</li> <li>Senescent</li> </ul>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl</a></p> |

### 3.1.53.1.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-stage:simple-result">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-stage:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl</a> |

| Property | Value   |
|----------|---|
| Examples | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl</a></p> |

#### 3.1.53.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-stage:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Flora - population protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl</a></p> |

#### 3.1.53.1.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-stage:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> is the IRI for "Flora - population protocol".</p> |
| Status     | <a href="#">submitted</a>   |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.53.1.6. Value type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-stage:value-type</a>  |
| Label               | Value type   |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .  |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl</a><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl</a> |

### 3.1.53.1.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-stage:vocabulary</a>                              |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>096e018a-fb8f-4ba1-9fdc-302164e57682\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682">https://linked.data.gov.au/def/nrm/096e018a-fb8f-4ba1-9fdc-302164e57682</a> is the IRI for "Growth stages codes".  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-stage/invalid.ttl</a></p> |

### 3.1.53.2. Vegetation health Observation

#### 3.1.53.2.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:vegetation-health:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.53.2.2. Result value

| Property              | Value   |
|-----------------------|---|
| Identifier            | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:vegetation-health:result-value</a>  |
| Label                 | Result value  |
| Definition            | The value of <code>rdf:value</code> <i>MUST</i> exist in the Vegetation healths codes controlled vocabulary.  |
| Comment               | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Vegetation healths codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>    |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value <i>MUST</i> be from the following list:</p> <ul style="list-style-type: none"> <li><a href="#">Canopy health</a></li> <li><a href="#">Dieback from disease</a></li> <li><a href="#">Epicormic growth</a></li> <li><a href="#">Galls and lerps</a></li> <li><a href="#">Grazing</a></li> <li><a href="#">Insect damage</a></li> <li><a href="#">Mistletoe</a></li> </ul>   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.53.2.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:vegetation-health:simple-result</a> |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

#### 3.1.53.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:targeted-survey-flora-population-protocol-shapes:vegetation-health:site-visit</code>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Flora - population protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

#### 3.1.53.2.5. Used procedure

| Property   | Value   |
|------------|---|
| Identifier | <code>urn:shapes:targeted-survey-flora-population-protocol-shapes:vegetation-health:used-procedure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> is the IRI for "Flora - population protocol".  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.53.2.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:targeted-survey-flora-population-protocol-shapes:vegetation-health:value-type</code>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.53.2.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-population-protocol-shapes:vegetation-health:vocabulary">urn:shapes:targeted-survey-flora-population-protocol-shapes:vegetation-health:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>785f818c-0c8c-480b-b8e5-43ea9fda70f0\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> is the IRI for "Vegetation healths codes".  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/vegetation-health/invalid.ttl</a> |

### 3.1.53.3. Life stage Observation

#### 3.1.53.3.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-population-protocol-shapes:life-stage:feature-type">urn:shapes:targeted-survey-flora-population-protocol-shapes:life-stage:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.53.3.2. Result value

| Property              | Value  |
|-----------------------|--|
| Identifier            | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:life-stage:result-value</a>  |
| Label                 | Result value   |
| Definition            | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Life stages codes controlled vocabulary.   |
| Comment               | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Life stages codes controlled vocabulary.  |
| Status                | <a href="#">submitted</a>  |
| Conformance Classes   | TBA  |
| Property              | Value  |
| Controlled list items | The result value <i>MUST</i> be from the following list:<br><br><a href="#">Budding</a><br><br><a href="#">Flowering</a><br><br><a href="#">Immature Fruit</a><br><br><a href="#">Mature Fruit</a><br><br><a href="#">Recently Shed</a><br><br><a href="#">Sapling</a><br><br><a href="#">Seedling</a><br><br><a href="#">Vegetative</a> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.53.3.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:life-stage:simple-result</a>   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.53.3.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:life-stage:site-visit</a>             |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment             | Observations following the Flora - population protocol are made in the context of a site visit.               |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl</a></p> |

### 3.1.53.3.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:life-stage:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> is the IRI for "Flora - population protocol".</p>  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl</a></p> |

### 3.1.53.3.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:life-stage:value-type</a>             |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .                             |
| Status     | <a href="#">submitted</a>  |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl</a><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.53.3.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-population-protocol-shapes:life-stage:vocabulary">urn:shapes:targeted-survey-flora-population-protocol-shapes:life-stage:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>5f82c583-167b-4ed2-b25e-4d67decb3f2d\$</code> .  |
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d">https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d</a> .<br><a href="https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d">https://linked.data.gov.au/def/nrm/5f82c583-167b-4ed2-b25e-4d67decb3f2d</a> is the IRI for "Life stages codes".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/valid.ttl</a><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/life-stage/invalid.ttl</a> |

### 3.1.53.4. Growth form Observation

#### 3.1.53.4.1. Feature type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-form:feature-type">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-form:feature-type</a> |

| Property            | Value   |
|---------------------|---|
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant population</code> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <code>/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl</code>  |
| Examples            | <p>Valid: <code>/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl</code></p> <p>Invalid: <code>/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl</code></p> |

#### 3.1.53.4.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-form:result-value</code>   |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Growth form codes controlled vocabulary.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Growth form codes controlled vocabulary. |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Aquatic<br><br>Bryophyte<br><br>Chenopod<br><br>Cycad<br><br>Epiphyte<br><br>Fern<br><br>Forb<br><br>Fungus<br><br>Grass-tree<br><br>Heath-shrub<br><br>Hummock grass<br><br>Lichen<br><br>NC<br><br>Other Grass<br><br>Palm<br><br>Rush<br><br>Samphire Shrub<br><br>Seagrass<br><br>Sedge<br><br>Shrub<br><br>Shrub Mallee<br><br>Tree<br><br>Tree Mallee |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl</a></p> |

#### 3.1.53.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-form:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl</a></p> |

#### 3.1.53.4.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-form:site-visit</a>            |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                                    |
| Comment    | Observations following the Flora - population protocol are made in the context of a site visit.               |
| Status     | <a href="#">submitted</a>  |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl</a></p> |

### 3.1.53.4.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-form:used-procedure">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-form:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> is the IRI for "Flora - population protocol".</p>  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl</a></p> |

### 3.1.53.4.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-form:value-type">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-form:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl</a></p> |

### 3.1.53.4.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:growth-form:vocabulary</a>  |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">d0fc07a7-3ec9-45ed-8850-885a32828d3c\$</a> .   |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c">https://linked.data.gov.au/def/nrm/d0fc07a7-3ec9-45ed-8850-885a32828d3c</a> is the IRI for "Growth form codes".</p>  |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/growth-form/invalid.ttl</a></p> |

### 3.1.53.5. Habitat description Observation

### 3.1.53.5.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:habitat-description:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">habitat</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>habitat</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.53.5.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:habitat-description:result-value</a>  |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Habitat description codes controlled vocabulary or it's text value.   |
| Comment             | If value type is <a href="#">tern:IRI</a> , the value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Habitat description codes controlled vocabulary. |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value   |
|-----------------------|---|
| Controlled list items | If value type is <code>tern:IRI</code> , the result value MUST be from the following list:<br><br>Beach<br><br>Billabong or Swamp<br><br>Cave<br><br>Chenopod shrubland<br><br>Closed chenopod shrubland<br><br>Closed fernland<br><br>Closed formland<br><br>Closed forest<br><br>Closed heathland<br><br>Closed hummock grassland<br><br>Closed lichenland<br><br>Closed liverwortland<br><br>Closed mallee forest<br><br>Closed mallee shrubland<br><br>Closed mossland<br><br>Closed rushland<br><br>Closed sedgeland<br><br>Closed shrubland<br><br>Closed sod grassland<br><br>Closed tussock grassland<br><br>Closed vineland<br><br>Coastal Waters<br><br>Crop Land |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.53.5.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:habitat-description:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.53.5.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:habitat-description:site-visit</a>        |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment    | Observations following the Targeted Survey - Flora - population protocol are made in the context of a site visit. |
| Status     | <a href="#">submitted</a>      |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl</a><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl</a> |

### 3.1.53.5.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-population-protocol-shapes:habitat-description:used-procedure">urn:shapes:targeted-survey-flora-population-protocol-shapes:habitat-description:used-procedure</a>  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> .<br><a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> is the IRI for "Flora - population protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl</a><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl</a> |

### 3.1.53.5.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-flora-population-protocol-shapes:habitat-description:value-type">urn:shapes:targeted-survey-flora-population-protocol-shapes:habitat-description:value-type</a> |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> or <code>tern:Text</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> or <code>tern:Text</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.53.5.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-flora-population-protocol-shapes:habitat-description:vocabulary">urn:shapes:targeted-survey-flora-population-protocol-shapes:habitat-description:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <code>tern:vocabulary</code> <i>MUST</i> match the pattern <code>c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f\$</code> .   |
| Comment             | <p>IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f">https://linked.data.gov.au/def/nrm/c19a0098-1f3f-4bc2-b84d-fdb6d4e24d6f</a> is the IRI for "Habitat description codes".</p>  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/habitat-description/invalid.ttl</a></p> |

### 3.1.53.6. Number of individuals Observation

### 3.1.53.6.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:number-of-individuals:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant population</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant population</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.53.6.2. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:number-of-individuals:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.53.6.3. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:number-of-individuals:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Flora - population protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/valid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/invalid.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/invalid.ttl</a></p> |

### 3.1.53.6.4. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:number-of-individuals:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf">https://linked.data.gov.au/def/nrm/9f951d93-7b0a-4f63-9f8c-d63b89718faf</a> is the IRI for "Flora - population protocol".</p> |
| Status              | <a href="#">submitted</a>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/shapes.ttl">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/shapes.ttl</a>  |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/invalid.ttl</a> |

### 3.1.53.6.5. Value range

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:number-of-individuals:value-range</a>  |
| Label               | Value range  |
| Definition          | The result <i>MUST</i> have a non-negative value.  |
| Comment             | Value <i>MUST</i> be non-negative.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/invalid.ttl</a> |

### 3.1.53.6.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-flora-population-protocol-shapes:number-of-individuals:value-type</a>                                    |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Integer</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Integer</a> .   |
| Status              | <a href="#">submitted</a>                                    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-flora/targeted-survey-flora-population-protocol-shapes/number-of-individuals/invalid.ttl</a> |

## 3.1.54. Targeted Survey - Ecological Community protocol Conformance Class Requirements

### 3.1.54.1. Disturbance type Observation

#### 3.1.54.1.1. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:disturbance-type:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <a href="#">tern:featureType</a> <b>MUST</b> be link: <a href="#">plant community</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a> <input checked="" type="radio"/>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/valid.ttl</a><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/invalid.ttl</a> |

#### 3.1.54.1.2. Result value

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:disturbance-type:result-value</a>  |
| Label      | Result value   |
| Definition | The value of <a href="#">rdf:value</a> <b>MUST</b> exist in the Disturbance type codes controlled vocabulary.  |
| Comment    | The value in <a href="#">sosa:hasResult</a> <b>MUST</b> be a value in <a href="#">sh:in</a> , which is the Disturbance type codes controlled vocabulary. |

| Property              | Value   |
|-----------------------|---|
| Status                | submitted <input type="radio"/>   |
| Conformance Classes   | TBA   |
| Property              | Value   |
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Complete clearing; pasture; has been cultivated</p> <p>Complete clearing; pasture; never cultivated</p> <p>Cultivated; rain fed</p> <p>Cultivation; has been irrigated</p> <p>Extensive clearing</p> <p>Highly disturbed</p> <p>Limited clearing</p> <p>None</p> <p>None except HEAVY grazing by hoofed animals</p> <p>None except LIGHT grazing by hoofed animals</p> <p>None except MEDIUM grazing by hoofed animals</p> <p>Not Collected</p> |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators            | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/shapes.ttl</a>   |
| Examples              | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/invalid.ttl</a></p>               |

### 3.1.54.1.3. Simple result

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-ecological-community-protocol-shapes:disturbance-type:simple-result">urn:shapes:targeted-survey-ecological-community-protocol-shapes:disturbance-type:simple-result</a> |
| Label      | Simple result   |

| Property            | Value   |
|---------------------|---|
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/invalid.ttl</a></p> |

#### 3.1.54.1.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:targeted-survey-ecological-community-protocol-shapes:disturbance-type:site-visit</code>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Ecological community protocol are made in the context of a site visit.   |
| Status              | <code>submitted</code>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/invalid.ttl</a></p> |

#### 3.1.54.1.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <code>urn:shapes:targeted-survey-ecological-community-protocol-shapes:disturbance-type:used-procedure</code> |

| Property            | Value   |
|---------------------|---|
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> is the IRI for "Ecological community protocol".  |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/invalid.ttl</a></p> |

### 3.1.54.1.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <code>urn:shapes:targeted-survey-ecological-community-protocol-shapes:disturbance-type:value-type</code>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <code>tern:IRI</code> .  |
| Comment             | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:IRI</code> .   |
| Status              | <code>submitted</code> ○  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/invalid.ttl</a></p> |

### 3.1.54.1.7. Vocabulary

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:disturbance-type:vocabulary</a>   |
| Label               | Vocabulary  |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">f5a470e8-d29f-4ff6-b50d-529b0444dbe4\$</a> .   |
| Comment             | IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4">https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4">https://linked.data.gov.au/def/nrm/f5a470e8-d29f-4ff6-b50d-529b0444dbe4</a> is the IRI for "Disturbance type codes". |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/shapes.ttl</a>  |
| Examples            | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/disturbance-type/invalid.ttl</a>  |

### 3.1.54.2. Diagnostic characteristics Observation

#### 3.1.54.2.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:diagnostic-characteristics:datatype</a>                |
| Label               | Datatype   |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.   |
| Status              | <a href="#">submitted</a>                       |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/invalid.ttl</a> |

### 3.1.54.2.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:diagnostic-characteristics:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant community</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/shapes.ttl</a>   |
| Examples            | Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/valid.ttl</a><br><br>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/invalid.ttl</a> |

### 3.1.54.2.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:diagnostic-characteristics:simple-result</a>                                      |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> . |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |

| Property   | Value   |
|------------|---|
| Validators | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/invalid.ttl</a></p> |

### 3.1.54.2.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-ecological-community-protocol-shapes:diagnostic-characteristics:site-visit">urn:shapes:targeted-survey-ecological-community-protocol-shapes:diagnostic-characteristics:site-visit</a>   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Ecological community protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/invalid.ttl</a></p> |

### 3.1.54.2.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="urn:shapes:targeted-survey-ecological-community-protocol-shapes:diagnostic-characteristics:used-procedure">urn:shapes:targeted-survey-ecological-community-protocol-shapes:diagnostic-characteristics:used-procedure</a>  |
| Label      | Used procedure   |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> .  |
| Comment    | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> is the IRI for "Ecological community protocol".</p> |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/invalid.ttl</a></p> |

### 3.1.54.2.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:diagnostic-characteristics:value-type</a>   |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/diagnostic-characteristics/invalid.ttl</a></p> |

### 3.1.54.3. Vegetation health Observation

#### 3.1.54.3.1. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:vegetation-health:feature-type</a> |
| Label      | Feature type   |
| Definition | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant community</a> .           |

| Property            | Value   |
|---------------------|---|
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.54.3.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-ecological-community-protocol-shapes:vegetation-health:result-value">urn:shapes:targeted-survey-ecological-community-protocol-shapes:vegetation-health:result-value</a> |
| Label               | Result value  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> exist in the Vegetation healths codes controlled vocabulary.  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be a value in <code>sh:in</code> , which is the Vegetation healths codes controlled vocabulary.  |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | The result value MUST be from the following list:<br><br>Canopy health<br><br>Dieback from disease<br><br>Epicormic growth<br><br>Galls and lerps<br><br>Grazing<br><br>Insect damage<br><br>Mistletoe   |
| Source                | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators            | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples              | Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl</a> |

### 3.1.54.3.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-ecological-community-protocol-shapes:vegetation-health:simple-result">urn:shapes:targeted-survey-ecological-community-protocol-shapes:vegetation-health:simple-result</a>                     |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl</a> |

#### 3.1.54.3.4. Site visit

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:vegetation-health:site-visit</a>   |
| Label               | Site visit   |
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .  |
| Comment             | Observations following the Ecological community protocol are made in the context of a site visit.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl</a> |

#### 3.1.54.3.5. Used procedure

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:vegetation-health:used-procedure</a>   |
| Label      | Used procedure   |
| Definition | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> .  |
| Comment    | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> is the IRI for "Ecological community protocol". |
| Status     | <a href="#">submitted</a>   |

| Property            | Value   |
|---------------------|---|
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.54.3.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:vegetation-health:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | submitted <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.54.3.7. Vocabulary

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:vegetation-health:vocabulary</a>                     |
| Label      | Vocabulary   |
| Definition | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <code>785f818c-0c8c-480b-b8e5-43ea9fda70f0\$</code> . |

| Property            | Value   |
|---------------------|---|
| Comment             | IRI of <code>tern:vocabulary</code> in <code>sosa:hasResult</code> <i>MUST</i> have the value<br><a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0">https://linked.data.gov.au/def/nrm/785f818c-0c8c-480b-b8e5-43ea9fda70f0</a> is the IRI for "Vegetation healths codes".                  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/vegetation-health/invalid.ttl</a></p> |

### 3.1.54.4. Target community Observation

#### 3.1.54.4.1. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-ecological-community-protocol-shapes:target-community:feature-type">urn:shapes:targeted-survey-ecological-community-protocol-shapes:target-community:feature-type</a>   |
| Label               | Feature type  |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant community</a> .   |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/invalid.ttl</a></p> |

### 3.1.54.4.2. Result value

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:target-community:result-value</a>   |
| Label               | Result value  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> exist in the Threatened ecological communities codes controlled vocabulary.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be a value in <a href="#">sh:in</a> , which is the Threatened ecological communities codes controlled vocabulary. |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Property            | Value   |

| Property              | Value  |
|-----------------------|--|
| Controlled list items | <p>The result value MUST be from the following list:</p> <p>Alpine Sphagnum Bogs and Associated Fens</p> <p>Aquatic Root Mat Community 1 in Caves of the Leeuwin Naturaliste Ridge</p> <p>Aquatic Root Mat Community 2 in Caves of the Leeuwin Naturaliste Ridge</p> <p>Aquatic Root Mat Community 3 in Caves of the Leeuwin Naturaliste Ridge</p> <p>Aquatic Root Mat Community 4 in Caves of the Leeuwin Naturaliste Ridge</p> <p>Aquatic Root Mat Community in Caves of the Swan Coastal Plain</p> <p>Arnhem Plateau Sandstone Shrubland Complex</p> <p>Assemblages of plants and invertebrate animals of tumulus (organic mound) springs of the Swan Coastal Plain</p> <p>Assemblages of species associated with open-coast salt-wedge estuaries of western and central Victoria ecological community</p> <p>Banksia Woodlands of the Swan Coastal Plain ecological community</p> <p>Blue Gum High Forest of the Sydney Basin Bioregion</p> <p>Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant)</p> <p>Broad leaf tea-tree (<i>Melaleuca viridiflora</i>) woodlands in high rainfall coastal north Queensland</p> <p>Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions</p> <p>Castlereagh Scribbly Gum and Agnes Banks Woodlands of the Sydney Basin Bioregion</p> <p>Central Hunter Valley eucalypt forest and woodland</p> <p>Clay Pans of the Swan Coastal Plain</p> <p>Coastal Swamp Oak (<i>Casuarina glauca</i>) Forest of New South Wales and South East Queensland ecological community</p> <p>Coastal Upland Swamps in the Sydney Basin Bioregion</p> <p>Cooks River/Castlereagh Ironbark Forest of the Sydney Basin Bioregion</p> <p>Coolibah - Black Box Woodlands of the Darling Riverine Plains and the Brigalow Belt South Bioregions</p> |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/invalid.ttl</a></p> |

#### 3.1.54.4.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-ecological-community-protocol-shapes:target-community:simple-result">urn:shapes:targeted-survey-ecological-community-protocol-shapes:target-community:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/invalid.ttl</a></p> |

#### 3.1.54.4.4. Site visit

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-ecological-community-protocol-shapes:target-community:site-visit">urn:shapes:targeted-survey-ecological-community-protocol-shapes:target-community:site-visit</a> |
| Label      | Site visit  |
| Definition | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment    | Observations following the Ecological community protocol are made in the context of a site visit.   |
| Status     | <a href="#">submitted</a>    |

| Property            | Value  |
|---------------------|--|
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/shapes.ttl   |
| Examples            | Valid: /shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/valid.ttl<br><br>Invalid: /shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/invalid.ttl |

#### 3.1.54.4.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:targeted-survey-ecological-community-protocol-shapes:target-community:used-procedure  |
| Label               | Used procedure   |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> .   |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> is the IRI for "Ecological community protocol". |
| Status              | submitted ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/shapes.ttl   |
| Examples            | Valid: /shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/valid.ttl<br><br>Invalid: /shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/invalid.ttl   |

#### 3.1.54.4.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | urn:shapes:targeted-survey-ecological-community-protocol-shapes:target-community:value-type |
| Label      | Value type  |

| Property            | Value   |
|---------------------|---|
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:IRI</a> .   |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:IRI</a> .   |
| Status              | <a href="#">submitted</a> ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/invalid.ttl</a></p> |

#### 3.1.54.4.7. Vocabulary

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:target-community:vocabulary</a>  |
| Label               | Vocabulary   |
| Definition          | The value of <a href="#">tern:vocabulary</a> <i>MUST</i> match the pattern <a href="#">0e718c57-74b4-441c-bf2d-3bfeff78b131\$</a> .  |
| Comment             | <p>IRI of <a href="#">tern:vocabulary</a> in <a href="#">sosa:hasResult</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/0e718c57-74b4-441c-bf2d-3bfeff78b131">https://linked.data.gov.au/def/nrm/0e718c57-74b4-441c-bf2d-3bfeff78b131</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/0e718c57-74b4-441c-bf2d-3bfeff78b131">https://linked.data.gov.au/def/nrm/0e718c57-74b4-441c-bf2d-3bfeff78b131</a> is the IRI for "Threatened ecological communities codes".</p> |
| Status              | <a href="#">submitted</a> ○  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/target-community/invalid.ttl</a></p>  |

#### 3.1.54.5. Species and cover Observation

### 3.1.54.5.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:species-and-cover:datatype</a>  |
| Label               | Datatype  |
| Definition          | The value of <a href="#">rdf:value</a> <i>MUST</i> have the datatype xsd:string.  |
| Comment             | The value in <a href="#">sosa:hasResult</a> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/invalid.ttl</a></p> |

### 3.1.54.5.2. Feature type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:species-and-cover:feature-type</a>  |
| Label               | Feature type  |
| Definition          | The value of <a href="#">tern:featureType</a> <i>MUST</i> be link: <a href="#">plant community</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/invalid.ttl</a></p> |

### 3.1.54.5.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:species-and-cover:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .   |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .  |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/invalid.ttl</a></p> |

### 3.1.54.5.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:species-and-cover:site-visit</a>  |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .  |
| Comment             | Observations following the Ecological community protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>    |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/invalid.ttl</a></p> |

### 3.1.54.5.5. Used procedure

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:species-and-cover:used-procedure</a>   |
| Label               | Used procedure   |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> .  |
| Comment             | IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> .<br><br><a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> is the IRI for "Ecological community protocol".   |
| Status              | <a href="#">submitted</a> <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/invalid.ttl</a> |

### 3.1.54.5.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:species-and-cover:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .  |
| Status              | <a href="#">submitted</a> <input type="radio"/>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/shapes.ttl</a> |

| Property | Value  |
|----------|--|
| Examples | Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/species-and-cover/invalid.ttl</a> |

### 3.1.54.6. Condition thresholds Observation

#### 3.1.54.6.1. Datatype

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:condition-thresholds:datatype</a>  |
| Label               | Datatype   |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:string.  |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:string.  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/shapes.ttl</a>  |
| Examples            | Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/valid.ttl</a><br><br>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/invalid.ttl</a> |

#### 3.1.54.6.2. Feature type

| Property            | Value  |
|---------------------|--|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:condition-thresholds:feature-type</a>  |
| Label               | Feature type   |
| Definition          | The value of <code>tern:featureType</code> <i>MUST</i> be link: <a href="#">plant community</a> .  |
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> . |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |

| Property   | Value  |
|------------|--|
| Validators | /shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/shapes.ttl   |
| Examples   | Valid: /shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/valid.ttl<br><br>Invalid: /shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/invalid.ttl |

### 3.1.54.6.3. Simple result

| Property            | Value  |
|---------------------|--|
| Identifier          | urn:shapes:targeted-survey-ecological-community-protocol-shapes:condition-thresholds:simple-result   |
| Label               | Simple result  |
| Definition          | The observation's <code>sosa:hasSimpleResult</code> <i>MUST</i> have a value that is the same as the value in the value node of <code>sosa:hasResult</code> .  |
| Comment             | Value of <code>sosa:hasSimpleResult</code> <i>MUST</i> be the same as the value in <code>sosa:hasResult</code> .   |
| Status              | submitted <input type="radio"/>  |
| Conformance Classes | TBA  |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols  |
| Validators          | /shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/shapes.ttl   |
| Examples            | Valid: /shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/valid.ttl<br><br>Invalid: /shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/invalid.ttl |

### 3.1.54.6.4. Site visit

| Property            | Value   |
|---------------------|---|
| Identifier          | urn:shapes:targeted-survey-ecological-community-protocol-shapes:condition-thresholds:site-visit   |
| Label               | Site visit  |
| Definition          | Observations <i>MUST</i> have a value for <code>tern:hasSiteVisit</code> .                        |
| Comment             | Observations following the Ecological community protocol are made in the context of a site visit. |
| Status              | submitted <input type="radio"/>   |
| Conformance Classes | TBA   |

| Property   | Value   |
|------------|---|
| Source     | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/shapes.ttl</a>   |
| Examples   | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/invalid.ttl</a></p> |

### 3.1.54.6.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="urn:shapes:targeted-survey-ecological-community-protocol-shapes:condition-thresholds:used-procedure">urn:shapes:targeted-survey-ecological-community-protocol-shapes:condition-thresholds:used-procedure</a>   |
| Label               | Used procedure  |
| Definition          | The observation's <code>sosa:usedProcedure</code> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> .  |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> is the IRI for "Ecological community protocol".</p>  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/invalid.ttl</a></p> |

### 3.1.54.6.6. Value type

| Property   | Value   |
|------------|---|
| Identifier | <a href="urn:shapes:targeted-survey-ecological-community-protocol-shapes:condition-thresholds:value-type">urn:shapes:targeted-survey-ecological-community-protocol-shapes:condition-thresholds:value-type</a> |
| Label      | Value type  |
| Definition | The result <i>MUST</i> be an instance of <code>tern:Text</code> .   |
| Comment    | The value of <code>sosa:hasResult</code> <i>MUST</i> be a <code>tern:Text</code> .  |

| Property            | Value   |
|---------------------|---|
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/shapes.ttl</a>  |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/condition-thresholds/invalid.ttl</a></p> |

### 3.1.54.7. Weeds Observation

#### 3.1.54.7.1. Datatype

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:weeds:datatype</a>  |
| Label               | Datatype  |
| Definition          | The value of <code>rdf:value</code> <i>MUST</i> have the datatype xsd:string.   |
| Comment             | The value in <code>sosa:hasResult</code> <i>MUST</i> be xsd:string.   |
| Status              | submitted ○   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/invalid.ttl</a></p> |

#### 3.1.54.7.2. Feature type

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:weeds:feature-type</a> |
| Label      | Feature type   |
| Definition | The value of <code>tern:featureType</code> <i>MUST</i> be link: <code>plant community</code> .     |

| Property            | Value   |
|---------------------|---|
| Comment             | TERN's ecologists have determined the feature type is <i>plant community</i> , defined by the <a href="#">Australian Soil and Land Survey Field Handbook</a> .  |
| Status              | submitted <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/invalid.ttl</a></p> |

#### 3.1.54.7.3. Simple result

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:weeds:simple-result</a>   |
| Label               | Simple result   |
| Definition          | The observation's <b>sosa:hasSimpleResult</b> <i>MUST</i> have a value that is the same as the value in the value node of <b>sosa:hasResult</b> .   |
| Comment             | Value of <b>sosa:hasSimpleResult</b> <i>MUST</i> be the same as the value in <b>sosa:hasResult</b> .  |
| Status              | submitted <input checked="" type="radio"/>  |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/invalid.ttl</a></p> |

#### 3.1.54.7.4. Site visit

| Property   | Value  |
|------------|--|
| Identifier | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:weeds:site-visit</a> |
| Label      | Site visit   |

| Property            | Value   |
|---------------------|---|
| Definition          | Observations <i>MUST</i> have a value for <a href="#">tern:hasSiteVisit</a> .   |
| Comment             | Observations following the Ecological community protocol are made in the context of a site visit.   |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/invalid.ttl</a></p> |

### 3.1.54.7.5. Used procedure

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:weeds:used-procedure</a>  |
| Label               | Used procedure  |
| Definition          | The observation's <a href="#">sosa:usedProcedure</a> <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> .   |
| Comment             | <p>IRI of procedure <i>MUST</i> have the value <a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a>.</p> <p><a href="https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c">https://linked.data.gov.au/def/nrm/4da8c123-b886-4881-91b3-1ff6a9b30e3c</a> is the IRI for "Ecological community protocol".</p>            |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/shapes.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/valid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/valid.ttl</a></p> <p>Invalid: <a href="/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/invalid.ttl">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/invalid.ttl</a></p> |

### 3.1.54.7.6. Value type

| Property            | Value   |
|---------------------|---|
| Identifier          | <a href="#">urn:shapes:targeted-survey-ecological-community-protocol-shapes:weeds:value-type</a>  |
| Label               | Value type  |
| Definition          | The result <i>MUST</i> be an instance of <a href="#">tern:Text</a> .  |
| Comment             | The value of <a href="#">sosa:hasResult</a> <i>MUST</i> be a <a href="#">tern:Text</a> .  |
| Status              | <a href="#">submitted</a>   |
| Conformance Classes | TBA   |
| Source              | TERN Ecosystem Surveillance Ecological Monitoring Protocols   |
| Validators          | <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/shapes.ttl</a>   |
| Examples            | <p>Valid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/valid.ttl</a></p> <p>Invalid: <a href="#">/shapes/targeted-survey/targeted-survey-ecological-community-protocol-shapes/weeds/invalid.ttl</a></p> |

## 3.2. TERN Ontology Conformance

TBD.

## 4. Editors Notes

### 4.1. Working titles

Both this specification and the ecological field collection protocol do not have canonical names yet. The below will be changed and updated once formal names are provided by DAWE.

- Ecological Data Exchange Specification (this document)
- TERN Ecosystem Surveillance Ecological Monitoring Protocols

### 4.2. Placeholders

#### 4.2.1. Placeholder text

Placeholder values **TBA**, **TBD** and **TBC** must be replaced with actual values.

#### 4.2.2. Placeholder IRIs

IRIs of controlled vocabularies are currently placeholders with the namespace

<https://linked.data.gov.au/def/nrm/>. These IRIIs must be replaced once the authoritative IRI is known.