Rationale for an Extended CD to Accommodate Grouped Collections

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Description

The Collection Descriptions Interest Group of TDWG has undertaken the effort to develop a data standard to describe entire collections that contain objects of and information about natural history. A detailed description of the CD effort, as well as the previous Natural Collections Descriptions (NCD) effort, can be read on the TDWG web site (https://www.tdwg.org/community/cd/, https://www.tdwg.org/standards/ncd/).

Of the many collections structures to be addressed by CD, grouped and/or hierarchical collections (e.g., accessions) are perhaps the type with the greatest possibility to address the growing quantities of data gathered within collections that are not yet shared with scientists or the general public. Grouped records, and sub-collections, are collections that have been acquired by an institution, but that have not necessarily been fully catalogued and processed, rendering them unsearchable or undiscoverable by the people who may benefit from their content.

We propose here to develop and promote a standardized structure for grouped collections (e.g. accession records) so that their contents and metadata may be shared via local, regional and global biodiversity data portals. The extended CD record for grouped collections will offer a description of a given collection's physical or undigitized objects, notes, specimens, media, and other content. The goal is to develop a structure that will link this standard seamlessly with the institutional levels of the CD structure, as well as the soon-to-be-revived collections registry, GRBio (now under the purview of GBIF). In addition to direct linkages with institution-level CD and GRBio, grouped collection records will include,

- metadata of the institutional owner, well as the host institution if the collection resides in a physical location that is not the same as the owner institution.
- metadata that links a specific record to a parent sub-collection or collection, as well as
 parts of the parent collection that have been incorporated into accessible collections,
 including the purpose of the collection.
- the ability to looks at counts (e.g., # of objects within collection and the # that have been catalogued, digitized, or georeferenced) across collections.
- overlap with other biodiversity data-sharing standards (e.g., Darwin Core) to permit publication in biodiversity data portals.
- accommodations for anthropological and ethnographic objects and data.

Grouped Collection Fields by Class

Class(DImension) Definitions:

- Collection: The fields in this class describe the contents of the record. What things does the record represent. (what Matt calls CollectionType. We think Collection is a better phrase)
 - Metric is a sub-class of the Class Collection
- RecordLevel: The fields in this class are used to define resource itself and allow for sharing between records of the same type. They are the metadata for the record.
- NEW History:
- GeographicalOrigin
- Provenance

The following fields are recommended as a means to describe grouped collections. These fields are not represented in other ratified standard and standards extensions. Each field is presented with:

- Field name
- Level
- Definition
- Comments
- Examples/Vocabulary

Use:

https://docs.google.com/document/d/1KPOJM0WnZGyXCP--k-IKHiPpXIBZNHV6Ifob9DuuG3g/edit#

Add "Components"/Classes to each table below to show symbiosis with the document above.

Class: TBD

| Field | otherOccurrenceIDs or relatedOccurrenceIDs (formerly occurrenceIDs) |
|-------------------|---|
| Level | Record-level |
| Class:(Dimension) | TBD |

| Definition | A list (concatenated and separated) of previous or alternate fully qualified occurrenceIDs or other human-used identifiers for objects within the same collection, whether in the current or any other data set or collection. |
|----------------|--|
| Comments | Recommended best practice is to separate the values in a list with space vertical bar space (" "). |
| Examples/Vocab | FMNH:Mammal:1234, NPS YELL06778 MBG 33424 |

| Field | otherDatasetIDs |
|-------------------|---|
| Level | Record-level |
| Class:(Dimension) | TBD / new dimension? [Collection:History] |
| Definition | A list (concatenated and separated) of other published data sets that contains objects or information from within the collection. |
| Comments | Recommended best practice is to separate the values in a list with space vertical bar space (" "). |
| Examples/Vocab | FMNH:Mammal:1234, NPS YELL06778 MBG 33424 |

Class:Institution

| Field | hasParent |
|-------------------|---|
| Level | Record-level |
| Class:(Dimension) | Institution |
| Definition | Confirmation that the collection, object(s) or information is, or was, a part of a collection when that collection name and location are unknown. |
| Comments | Recommended best practice that cdac:hasParent should have a corresponding cdac:parentRemarks |
| Examples/Vocab | Yes, No |

| Field | parentID |
|-------|----------|
| | |

| Level | Record-level |
|-------------------|--|
| Class:(Dimension) | Institution |
| Definition | An identifier for the institution having custody of the object(s) or information referred to in the record. |
| Comments | Recommended best practice is to use an identifier from a known collections registry such as GRBio ([url when up]). |
| Examples/Vocab | http://biocol.org/urn:lsid:biocol.org:col:34795 |

| Field | immediateParentID |
|-------------------|---|
| Level | Record-level |
| Class:(Dimension) | Institution |
| Definition | An identifier for the collection or sub-collection of which the object(s) or information is a part. |
| Comments | Recommended best practice is to use an identifier from a known collections registry, such as GRBio ([url when up]). |
| Examples/Vocab | http://grbio.org/cool/05pf-h6mh |

Class:GeographicOrigin

| Field | region |
|-------------------|---|
| Level | Location |
| Class:(Dimension) | GeographicOrigin |
| Definition | The name of a spatial region or named place of any size within an individual or multiple administrative areas. |
| Comments | Recommended best practice is to use this field in which the location occurs where administrative location fields (country, stateProvince, county, etc.) provide insufficient description. |
| Examples/Vocab | Multi-country (North European Plain), Multi-stateProvince (Pacific |

| Northwest), waterbody (Southern). | |
|-----------------------------------|--|
|-----------------------------------|--|

Class:Collection

| Field | basisOfCollection |
|-------------------|--|
| Level | Record-level |
| Class:(Dimension) | Collection |
| Definition | The specific nature of the collection. |
| Comments | Recommended best practice is to use a standard vocabulary. |
| Examples/Vocab | Accession, Inventory, Expedition, InstitutionalGift, [Transferral of Rights] |

| Field | typeOfAcquisition |
|-------------------|--|
| Level | Record-level |
| Class:(Dimension) | Collection |
| Definition | Additional information that exists that describes object(s) or information in the context of the basisOfCollection. |
| Comments | |
| Examples/Vocab | "Field maps", "field notebooks", other historical or factual descriptions of the collections composition or purpose. |

| Field | acquisitionID |
|-------------------|---------------|
| Level | Record-level |
| Class:(Dimension) | Collection |

| Definition | An institutional of collection identifier for the acquisition of which the object(s) or information is a part. |
|----------------|--|
| Comments | An identifier for the acquisition. May be a global unique identifier or an identifier specific to a collection of institution. |
| Examples/Vocab | 7b8aff00-a9f8-11d8-944b-b8a03c50a862, accession-FMNH-12345 |

| Field | namedCollections |
|-------------------|---|
| Level | Record-level |
| Class:(Dimension) | Collection:History |
| Definition | A list (concatenated and separated) of previous or alternate collections to which the grouped collection is related, whether at the owner institution or any other institution. |
| Comments | Recommended best practice is to separate the values in a list with space vertical bar space (" "). |
| Examples/Vocab | Grant Southwest Ceramics Collection, FMNH Mammals TNHC Vertebrates |

| Field | namedSubCollections |
|-------------------|---|
| Level | Record-level |
| Class:(Dimension) | Collection:History |
| Definition | A list (concatenated and separated) of previous or alternate collections within the grouped collection, whether in the current or any other data set or collection. |
| Comments | Recommended best practice is to separate the values in a list with space vertical bar space (" "). |
| Examples/Vocab | Grant Southwest Ceramics Collection, FMNH Mammals TNHC Vertebrates |

| Field | subsumedCollections |
|-------------------|---|
| Level | Record-level |
| Class:(Dimension) | Collection:History |
| Definition | A list (concatenated and separated) of previous or alternate fully qualified CD identifiers from collections that have been subsumed into the collection. |
| Comments | |
| Examples/Vocab | [examples of CD IDs if different from] FMNH:Mammal:1234, NPS YELL06778 MBG 33424 |

| Field | dateFormed |
|-------------------|---|
| Level | Record-level |
| Class:(Dimension) | Collection:History |
| Definition | The date-time or interval during which the collection was formed. Not suitable for a time in a geological context. |
| Comments | Recommended best practice is to use a date that conforms to ISO 8601:2004(E). |
| Examples/Vocab | 1963-03-08T14:07-0600 (8 Mar 1963 at 2:07pm in the time zone six hours earlier than UTC). 2009-02-20T08:40Z (20 February 2009 8:40am UTC). 2018-08-29T15:19 (3:19pm local time on 29 August 2018). 1809-02-12 (some time during 12 February 1809). 1906-06 (some time in June 1906). 1971 (some time in the year 1971). 2007-03-01T13:00:00Z/2008-05-11T15:30:00Z(some time during the interval between 1 March 2007 1pm UTC and 11 May 2008 3:30pm UTC). 1900/1909 (some time during the interval between the beginning of the year 1900 and the end of the year 1909). 2007-11-13/15 (some time in the interval between 13 November 2007 and 15 November 2007). |

| Field | dateRetired |
|-------|-------------|
| | dateRetired |

| Level | Record-level |
|-------------------|---|
| Class:(Dimension) | Collection:History |
| Definition | The date or date-time during which the institution or collection ceased operation or was subsumed. |
| Comments | Recommended best practice is to use a date that conforms to ISO 8601:2004(E). |
| Examples/Vocab | 1963-03-08T14:07-0600 (8 Mar 1963 at 2:07pm in the time zone six hours earlier than UTC). 2009-02-20T08:40Z (20 February 2009 8:40am UTC). 2018-08-29T15:19 (3:19pm local time on 29 August 2018). 1809-02-12 (some time during 12 February 1809). 1906-06 (some time in June 1906). 1971 (some time in the year 1971). 2007-03-01T13:00:00Z/2008-05-11T15:30:00Z(some time during the interval between 1 March 2007 1pm UTC and 11 May 2008 3:30pm UTC). 1900/1909 (some time during the interval between the beginning of the year 1900 and the end of the year 1909). 2007-11-13/15 (some time in the interval between 13 November 2007 and 15 November 2007). |

| Field | reasonRetired |
|-------------------|---|
| Level | Record-level |
| Class:(Dimension) | Collection:History |
| Definition | If dateRetired is not null, document the reason the record was retired. |
| Comments | This is free text related to the cd:DevelopmentStatusTypeTerm field. |
| Examples/Vocab | Destroyed, Transferred |

Sub-class:Metric

| Field | cataloguedQuantity formerly cataloguedCount |
|-------------------|---|
| Level | Record-level |
| Class:(Dimension) | Collection:Metric |

| Definition | A number or enumeration value for the quantity of objects. |
|----------------|--|
| Comments | A cdac:cataloguedQuantity must have a corresponding cdac:cataloguedQuantityType. |
| Examples/Vocab | 27 (cataloguedQuantity) with individuals (cataloguedQuantityType). 12.5 (cataloguedQuantity) with %biomass(cataloguedQuantityType). r (cataloguedQuantity) with BraunBlanquetScale (cataloguedQuantityType). |

| Field | cataloguedQuantityType |
|-------------------|--|
| Level | Record-level |
| Class:(Dimension) | Collection:Metric Description |
| Definition | The type of the quantification system used for the quantity of objects |
| Comments | A cdac:cataloguedQuantityType must have a corresponding cdac:cataloguedQuantity. |
| Examples/Vocab | 27 (cataloguedQuantity) with individuals (cataloguedQuantityType). 12.5 (cataloguedQuantity) with %biomass(cataloguedQuantityType). r (cataloguedQuantity) with BraunBlanquetScale (cataloguedQuantityType). |

| Field | digitizedCount |
|-------------------|---|
| Level | Record-level |
| Class:(Dimension) | Collection:Metric |
| Definition | The number of objects within the collection or sub-collection that have been digitized. |
| Comments | |
| Examples/Vocab | 0, 8, 27 |

| Field | digitizedCountType |
|-------|--------------------|
| | digitizedCountType |

| Level | Record-level |
|-------------------|---|
| Class:(Dimension) | Collection:Metric Description |
| Definition | The type of objects that have been digitized within the collection or sub-collection. |
| Comments | Recommended best practice is to use a standard vocabulary. |
| Examples/Vocab | Collection, StillImage, Sound, MovingImage, InteractiveResource, Text |

| Field | georeferencedCount |
|-------------------|---|
| Level | Record-level |
| Class:(Dimension) | Collection:Metric |
| Definition | The number of objects within the collection or sub-collection that have been georeferenced. |
| Comments | Recommended best practice is to include additional known information about the georeferencing process including dwc:georeferededBy, dwc: georeferecedDate, dwc:georeferenceProtocol, dwc:georeferenceSources, dwc:georefereceVerificationStatus, and dwc:georeferenceRemarks. |
| Examples/Vocab | 0, 8, 27 |

| Field | associatedMediaCount |
|-------------------|--|
| Level | Record-level |
| Class:(Dimension) | Collection:Metric |
| Definition | The number of media objects within the collection or sub-collection. |
| Comments | Recommended best practice for multiple media IDs is to use Aubon Core Media Extension. |
| Examples/Vocab | 0, 8, 27 |

Class:Classification

| Field | materials |
|-------------------|--|
| Level | Record-level |
| Class:(Dimension) | Classification |
| Definition | The materials that compose the collection. |
| Comments | |
| Examples/Vocab | wood, copper |

Class:Provenance

| Field | culturalAffiliation |
|-------------------|--|
| Level | Record-level |
| Class:(Dimension) | Provenance |
| Definition | Any cultural groups affiliated (e.g., as owners or creators) with the collection |
| Comments | |
| Examples/Vocab | Inuit |

Recommended Existing Fields

The following fields are recommended as a part of the core content fields for grouped collections. These have been collated from the existing ratified standards and standards extensions including Dublin Core, Darwin Core, Audubon Core, and the Encoded Archival Description. We anticipate additional fields from NCD/CD at the collection and record level when determined.

| Field | Field type (according to DwC | Class (according to CD Dimension) | Proposed content or link to description |
|----------------------------------|---------------------------------|-----------------------------------|---|
| cd:collectionID | Record | Collection | LSID |
| cd:DevelopmentStatu sTypeTerm | Record | Collection | Add standard vocabulary terms: Retired, Transferred, Destroyed, Active |
| dc:description | Collection | Collection | http://dublincore.org/specific ations/dublin-core/dcmi-ter ms/2012-06-14/?v=terms#d escription |
| dwc:recordedBy | Collection | Collection | https://dwc.tdwg.org/terms/#dwc:recordedBy |
| dc:title | Collection | Collection | http://dublincore.org/specific ations/dublin-core/dcmi-ter ms/2012-06-14/?v=terms#tit le |
| ead:language | Collection | Collection | https://www.loc.gov/ead/tgli b/elements/language.html |
| dwc:taxonID | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#taxonID |
| dwc:scientificNameID | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#scientificNameID |
| dwc:scientificName | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#scientificName |
| dwc:higherClassificati on | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#higherClassification |
| dwc:kingdom | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#kingdom |
| dwc:phylum | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#phylum |
| dwc:class | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#class |
| dwc:order | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#order |

| dwc:family | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#family |
|---------------------------|------------------------|------------------|--|
| dwc:genus | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#genus |
| dwc:subgenus | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#subgenus |
| dwc:specificEpithet | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#specificEpithet |
| dwc:infraspecificEpith et | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#infraspecificEpithet |
| dwc:taxonRank | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#taxonRank |
| dwc:verbatimTaxonRa nk | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#verbatimTaxonRank |
| dwc:vernacularName | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#vernacularName |
| dwc:nomenclaturalCo de | Taxon | Classification | http://rs.tdwg.org/dwc/terms /#nomenclaturalCode |
| dwc:eventDate | Event | Event | http://rs.tdwg.org/dwc/terms /#eventDate |
| dwc:verbatimEventDat e | Event | Event | http://rs.tdwg.org/dwc/terms /#verbatimEventDate |
| dwc:habitat | Event | Event | http://rs.tdwg.org/dwc/terms /#habitat |
| dwc:locationID | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#locationID |
| dwc:higherGeography ID | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#higherGeographyID |
| dwc:higherGeography | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#higherGeography |
| dwc:continent | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#continent |
| dwc:waterBody | Collection | GeographicOrigin | http://rs.tdwg.org/dwc/terms |
| 1 | ı | l . | L |

| | Location | | /#waterBody |
|--|------------------------|--------------------------------------|--|
| dwc:islandGroup | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#islandGroup |
| dwc:island | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#island |
| dwc:country | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#country |
| dwc:countryCode | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#countryCode |
| dwc:stateProvince | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#stateProvince |
| dwc:county | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#county |
| dwc:municipality | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#municipality |
| dwc:locality | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#locality |
| dwc:verbatimLocality | Collection Location | GeographicOrigin | http://rs.tdwg.org/dwc/terms /#verbatimLocality |
| dc:accessRights | Access Restrictions | Record-Level | https://dwc.tdwg.org/terms/# dcterms:accessRights https://terms.tdwg.org/wiki/A udubon_Core_Term_List#d c:rights ? |
| xmpRights:UsageTer ms | Access Restrictions | Record-Level | https://terms.tdwg.org/wiki/A udubon_Core_Term_List#x mpRights:UsageTerms |
| dc:rights dc:rightsHolder dc:license | Access Restrictions | Record-Level | https://dwc.tdwg.org/terms/#dcterms:license |
| [Specific fields TBD from GGBN genomic extensions to Darwin Core] | Genomic Context | [SpecimentType / PreservationMethod] | https://terms.tdwg.org/wiki/ GGBN_Amplification_Voca bulary, https://terms.tdwg.org/wiki/ GGBN_DNA_Cloning_Voca bulary, |

| | | | https://terms.tdwg.org/wiki/ GGBN_Gel_Image_Vocabu lary, https://terms.tdwg.org/wiki/ GGBN_Loan_Vocabulary, https://terms.tdwg.org/wiki/ GGBN_Material_Sample_V ocabulary, https://terms.tdwg.org/wiki/ GGBN_Permit_Vocabulary, https://terms.tdwg.org/wiki/ GGBN_Preparation_Vocab ulary, https://terms.tdwg.org/wiki/ GGBN_Preservation_Vocab ulary |
|--------------------------------------|-----------------------|-------------------------|---|
| dwc:geologicalContext ID | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#geologicalContextID |
| dwc:earliestEonOrLow estEonothem | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#earliestEonOrLowestEono them |
| dwc:latestEonOrHighe stEonothem | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#latestEonOrHighestEonot hem |
| dwc:earliestEraOrLow estErathem | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#earliestEraOrLowestErath em |
| dwc:latestEraOrHighe stErathem | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#latestEraOrHighestErathe m |
| dwc:earliestPeriodOrL owestSystem | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#earliestPeriodOrLowestSy stem |
| dwc:latestPeriodOrHig hestSystem | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#latestPeriodOrHighestSys tem |
| dwc:earliestEpochOrL owestSeries | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#earliestEpochOrLowestSe |

| | | 1 | <u> </u> |
|-------------------------------------|-----------------------|-------------------------|---|
| | | | ries |
| dwc:latestEpochOrHig hestSeries | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#latestEpochOrHighestSeri es |
| dwc:earliestAgeOrLow estStage | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#earliestAgeOrLowestStag e |
| dwc:latestAgeOrHighe stStage | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#latestAgeOrHighestStage |
| dwc:lowestBiostratigra phicZone | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms/#lowestBiostratigraphicZone |
| dwc:highestBiostratigr aphicZone | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#highestBiostratigraphicZo ne |
| dwc:lithostratigraphicT erms | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#lithostratigraphicTerms |
| dwc:group | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#group |
| dwc:formation | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#formation |
| dwc:member | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#member |
| dwc:bed | Geological Context | GeologicalTimeRan ge | http://rs.tdwg.org/dwc/terms /#bed |
| dc:creator | Collection | <u>Provenance</u> | http://purl.org/dc/elements/1 .1/creator |
| dwc:basisOfRecord | Record-Level | ObjectType | http://rs.tdwg.org/dwc/terms /basisOfRecord |
| dwc:preparations | | ObjectType | http://rs.tdwg.org/dwc/ter ms/preparations |

Recommended Pending Fields

The following fields are recommended as a part of the core content fields for grouped collections. These have been collated from standards and standards extensions which have been developed but are pending ratification including Chronometric Age.

| dwc:verbatimChronometricAge | Chronometric Age | GeologicalTimeRange | https://github.com/VertNet/d wc-chronology/blob/master/s tandard/vocabularies/term_v ersions.csv |
|---|------------------|---------------------|---|
| dwc:maximumChronometricAge | Chronometric Age | GeologicalTimeRange | https://github.com/VertNet/d wc-chronology/blob/master/s tandard/vocabularies/term_v ersions.csv |
| dwc:minimumChronometricAge | Chronometric Age | GeologicalTimeRange | https://github.com/VertNet/d wc-chronology/blob/master/s tandard/vocabularies/term_v ersions.csv |
| dwc:chronometricAgeUncertaintyIn Years | Chronometric Age | GeologicalTimeRange | https://github.com/VertNet/d wc-chronology/blob/master/s tandard/vocabularies/term_v ersions.csv |
| dwc:chronometricAgeProtocol | Chronometric Age | GeologicalTimeRange | https://github.com/VertNet/d wc-chronology/blob/master/s tandard/vocabularies/term_v ersions.csv |
| dwc:chronometricAgeRemarks | Chronometric Age | GeologicalTimeRange | https://github.com/VertNet/d wc-chronology/blob/master/s tandard/vocabularies/term_v ersions.csv |