Treatment Vocab

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| --- | --- | --- |
| TreatmentID | Treatment Category | Treatment sub-category |
| 1 | Withhold data |  |
| 1.1 |  | Withhold entire dataset |
| 1.2 |  | Withhold records |
| 1.3 |  | Withhold attributes |
| 1.4 |  | Withhold entire dataset for Embargo period |
| 1.5 |  | Withhold specific records for Embargo period |
| 1.6 |  | Withhold specific attributes for Embargo period |
| 2 | Obfuscate Coordinates |  |
| 2.1 |  | Location coordinates generalised to 1 decimal place |
| 2.2 |  | Location coordinates generalised to 2 decimal places |
| 2.3 |  | Other method of generalisation / obfuscation of coordinates |
| 3 | Multiple Treatments |  |
| 3.1 |  | Withhold records AND  Location coordinates generalised to 1 decimal place |
| 3.2 |  | Withhold records AND  Location coordinates generalised to 2 decimal places |
| 3.3 |  | Withhold records AND  Other method of generalisation / obfuscation of coordinates |
| 3.4 |  | Withhold attributes AND  Location coordinates generalised to 1 decimal place |
| 3.5 |  | Withhold attributes AND  Location coordinates generalised to 2 decimal places |
| 3.6 |  | Withhold attributes AND  Other method of generalisation / obfuscation of coordinates |
| 3.7 |  | Withhold entire dataset for Embargo period AND  Location coordinates generalised to 1 decimal place |
| 3.8 |  | Withhold entire dataset for Embargo period AND  Location coordinates generalised to 2 decimal places |
| 3.9 |  | Withhold entire dataset for Embargo period AND  Other method of generalisation / obfuscation of coordinates |
| 3.10 |  | Withhold specific records for Embargo period AND  Location coordinates generalised to 1 decimal place |
| 3.11 |  | Withhold specific records for Embargo period AND  Location coordinates generalised to 2 decimal places |
| 3.12 |  | Withhold specific records for Embargo period AND  Other method of generalisation / obfuscation of coordinates |
| 3.13 |  | Withhold specific attributes for Embargo period AND  Location coordinates generalised to 1 decimal place |
| 3.14 |  | Withhold specific attributes for Embargo period AND  Location coordinates generalised to 2 decimal places |
| 3.15 |  | Withhold specific attributes for Embargo period  AND  Other method of generalisation / obfuscation of coordinates |
| 4 | Other treatments |  |
| 4.1 |  | Treatments specified by indigenous owners(?) custodians(?) |

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| 1 | Withhold data |  |
| 1.1 |  | Withhold entire dataset |
| 1.2 |  | Withhold records |
| 1.3 |  | Withhold attributes |
| 1.4 |  | Withhold entire dataset for Embargo period |
| 1.5 |  | Withhold specific records for Embargo period |
| 1.6 |  | Withhold specific attributes for Embargo period |
| 2 | Obfuscate Coordinates |  |
| 2.1 |  | Location coordinates generalised to 1 decimal place |
| 2.2 |  | Location coordinates generalised to 2 decimal places |
| 2.3 |  | Other method of generalisation / obfuscation of coordinates |
| 3 | Other treatments |  |
| 3.1 |  | Treatments specified by indigenous owners(?) custodians(?) |

Thinking from PH

You could split the Treatment field into three fields (the names of which would need to be DwC-ified):

* Withhold data – where you indicate what has been withheld (I can’t think of anything that is needed for an other off the top of my head but someone will come up with something that will break our use cases, I’m sure)
* Obfuscate coordinates – where you indicate how obfuscation has been done, provide an other just in case
* Treatment notes – you take the others and give a notes field to explain anything that doesn’t match the vocabularies and include a “Other” in each of the ones above.

In a dataset, that would look something like this:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field A** | **Field B** | **Field C** | **Withhold Data** | **Obfuscate Coordinates** | **Treatment Notes** |
| NULL | NULL | 190 cm | Withold attributes | Location coordinates generalised to 1 decimal place |  |
| Taniaitus laityii | Canberra | 170cm | Nothing withheld | Nothing obfuscated |  |
| Piersius higgsii | Western Australia | 180cm | Nothing withheld | Other | Generalised to State level as this is such an important specimen |

I don’t know if a worked example is useful, but that helped me a bit to work it through.

Vocab entries and where they sit:

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| --- | --- | --- |
| **Vocabulary Entries** | **Withhold data** | **Obfuscate Coordinates** |
| Withhold entire dataset | Available term | Not available term |
| Withhold records | Available term | Not available term |
| Withhold attributes | Available term | Not available term |
| Withhold entire dataset for Embargo period | Available term | Not available term |
| Withhold specific records for Embargo period | Available term | Not available term |
| Withhold specific attributes for Embargo period | Available term | Not available term |
| Nothing withheld | Available term | Not available term |
| Other method of withholding | Available term | Available term |
| Location coordinates generalised to 1 decimal place | Not available term | Available term |
| Location coordinates generalised to 2 decimal places | Not available term | Available term |
| Other method of generalisation / obfuscation of coordinates | Not available term | Available term |
| Nothing obfuscated | Not available term | Available term |

Sensitivity Reason Vocab

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| SensitivityReasonID | Sensitivity Category | Sensitivity Sub-category |
| 1 | Personal Identifiable Information |  |
| 1.1 |  | Names and addresses of individuals |
| 1.2 |  | Collector IDs of individuals (where this can be reconciled with collector) |
| 1.3 |  | Other personal information |
| 2 | Species-Location |  |
| 2.1 |  | Species under extreme risk of exploitation / harm |
| 2.2 |  | Release of precise locations would result in high risk of exploitation / harm / disturbance |
| 2.3 |  | Release of precise locations would result in moderate risk of exploitation / harm / disturbance |
| 2.4 |  | species information that the landholder or land manager considers sensitive from a privacy perspective |
| 2.5 |  | Species at a high to moderate risk of exploitation that have been recorded as part of a survey where a survey identifier can be resolved to a precise locality |
| 3 | Species - Identification |  |
| 3.1 |  | Data contains declared biosecurity species which may be of concern to biosecurity or trade e.g. a species of concern recorded as a quarantine intercept |
| 4 | Species - Attributes |  |
| 4.1 |  | information about species regarding their habitat or physical attributes which could result in exploitation or increased risk to populations if released e.g. nesting sites, reproductive status etc. |
| 4.2 |  | information regarding the management of species that the land manager considers sensitive e.g. pest control activities on private property |
| 5 | Usage-restrictions |  |
| 5.1 |  | Legal contract not permitting release of raw data |
| 5.2 |  | Commercial in confidence (legal-financial) reasons not permitting release of raw data |
| 5.3 |  | Non-Legal – other restrictions not permitting the release of raw data e.g. embargoed data, informal agreement between parties |
| 6 | Indigenous data |  |
| 6.1 |  | Cultural sensitivities relating to entire dataset |
| 6.2 |  | Cultural sensitivities relating to species |
| 6.3 |  | Cultural sensitivities relating to location |
| 6.4 |  | Cultural sensitivities relating to other attributes |

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| **Field A (e.g. sciname)** | **Field B (e.g. location)** | **Field C (e.g. length)** | **TreatmentID** | **TreatmentCategory** | **SensitiveReasonID** | **SensitivityCategory** |
| Data withheld due to indigenous data sensitivities | Data withheld due to species location sensitivities | 190 cm | 1.3 | Withhold attributes | 2.1, 6.4 | Species under extreme risk of exploitation / harm  Cultural sensitivities relating to species |
| Taniaitus laityii | Canberra | 170cm | None | None |  |  |
| Piersius higgsii | Western Australia | 180cm | 3.7 | Location attribute generalised  Coordinates generalised to 1 decimal place | 2.1 | Species under extreme risk of exploitation / harm |