

PGR Diversity Gateway –Ontology conceptualization, description and approach

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Contents

Introduction	2
Challenges	3
How to achieve these design specifications?	3
What is an ontology?	4
How to use the Ontology approach in the PGR Diversity Gateway.....	6
The ontology objects.....	7
Usage.....	13
The standards.....	15
What standards are used to describe the data?.....	15
Searching.....	16
Making the ontology usable to non-experts.....	17
Physical structure.....	17
Current status of the PGR Diversity Gateway	18
Plans for future development.....	19

Introduction

The goal of agrobiodiversity conservation, unlike other forms of conservation, is not only the conservation of species and intra-specific genetic diversity related to agriculture, but also to promote its sustainable use in facilitating agricultural production. Although significant progress has been made in the conservation and management of plant genetic resources for food and agriculture (PGRFA) globally and in Europe, there remain two critical areas where progress has been limited: (a) the use of conserved agrobiodiversity by breeders and (b) the systematic conservation of crop wild relative (CWR) and landrace (LR) diversity. Specifically for breeders and CWR / LR diversity conservationists, the status quo is no longer an option as human-induced climate change is threatening the maintenance of the very diversity breeders require to mitigate the adverse impact of climate change. Conventionally, breeders have used their own lines and stocks to generate novel crop varieties, but these materials are relatively genetically uniform and it is now increasingly recognized that CWR and LR offer the breadth of genetic diversity required by breeders to meet the novel challenges of climate change and rapidly changing consumer demands.

The aim of PGR Secure is therefore to research novel characterization techniques and conservation strategies for European crop wild relative and landrace diversity, and further, to enhance crop improvement by breeders, as a means of underpinning European food security in the face of climate change. To achieve these goals, PGR Secure has four research themes:

1. Investigation of novel characterization techniques, including: (1a) Genomics, phenotyping and metabolomics, (1b) Transcriptomics, (1c) Focused Identification of Germplasm Strategy.
2. CWR and LR conservation, including: (2a) Europe-wide CWR inventory, (2b) Exemplar national CWR inventories, (2c) European CWR strategy, (2d) Europe-wide LR inventory, (2e) Exemplar national LR inventories, (2f) European LR strategy.
3. Facilitating breeders' CWR and LR use, including: (3a) Identifying breeders' needs, (3b) Meeting breeders' needs, (3c) Integration of conservation and user communities, (3d) Pre-breeding – channelling potential interesting germplasm into commercial breeding programmes.
4. Informatics development, including: (4a) CWR and LR inventory information web availability, (4b) Novel characterization information web availability, (4c) Inter-information system operability.

This document describes the informatics and information challenges, the options, solutions and achievements of the 'PGR Diversity Gateway', a system designed in the context of PGR Secure to manage the project data, inventories and strategies and to facilitate CWR and LR use in breeding and genetic diversity conservation.

Challenges

The PGR Diversity Gateway target users are plant breeders, curators, genebank managers, community seed networks, conservation managers, researchers, students and policymakers. The data that they collect and use can include anything from national inventories, national crop and CWR checklists, national and European conservation strategies, QTL summary data linking to other data resources, *ex situ* and *in situ* data, mapping services and environmental layers. When a user searches the information system, (s)he may want to find trait information about a certain crop or perhaps link data on traditional knowledge to current conservation strategies. Not all users are technically minded, so a simple interface is necessary. In addition, the incoming data are forever increasing, and new sources and domains are impossible to predict in advance, so the system needs to have the power to expand in a flexible way.

In this context, the PGR Diversity Gateway was designed to:

- Store data of different domains and in multiple types, formats and sources
- Have an easy way to query and retrieve information from different locations
- Cope with constant adaptation and flexibility
- Be technically powerful behind the scenes and with a user-friendly interface
- Be driven by the solutions that users need: data sharing, publishing, analysis, query and retrieval

How to achieve these design specifications?

Two options for organizing diverse data which need to be easily accessible are a relational database and an ontology. While both allow data to be stored and queried, with a relational database every time you add a new domain you have to reorganize the database structure. With an ontology, however, you can design for future use and potentially infinite growth as the data relate to each other through metadata rather than through links between domains. In the case of the PGR Diversity Gateway, we wanted the system to manage the results from the PGR Secure project, but also to continue to be enriched and grow after the end of the project with PGR data from other countries and as-yet-unknown domains. This is why an ontology approach was selected (Figure 1).

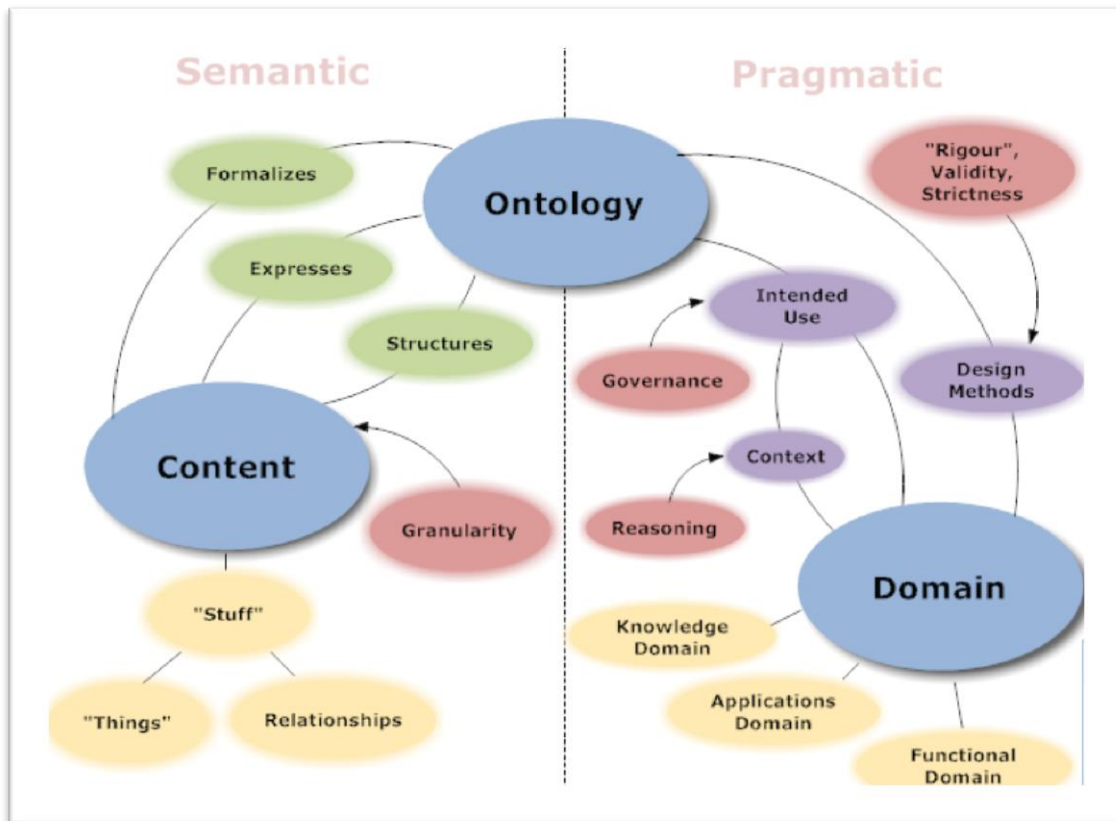


Image source: http://www.emiliosanfilippo.it/?page_id=1172 (IUD:eu.penselve:0140)

Figure 1 – Ontology approach showing how an ontology links content (left) with domain (right). For example, a domain might be ‘Crop Wild Relatives’ and an associated content item might be ‘Inventories’.

What is an ontology?

An ontology is a description of the concepts and relationships that can exist for a community. Rather than relating concepts to each other through the structure of the database, an ontology relates concepts through their associated metadata. This allows great flexibility and potentially infinite growth. The ontology is presented and comprised of several sub-ontologies, which describe assets (text, images, video) and the events and entities (people, places, organizations, abstract concepts etc.) that appear in news content.

Yellow = Units; **Green** = Unit substructures; **Blue** = Common property structures

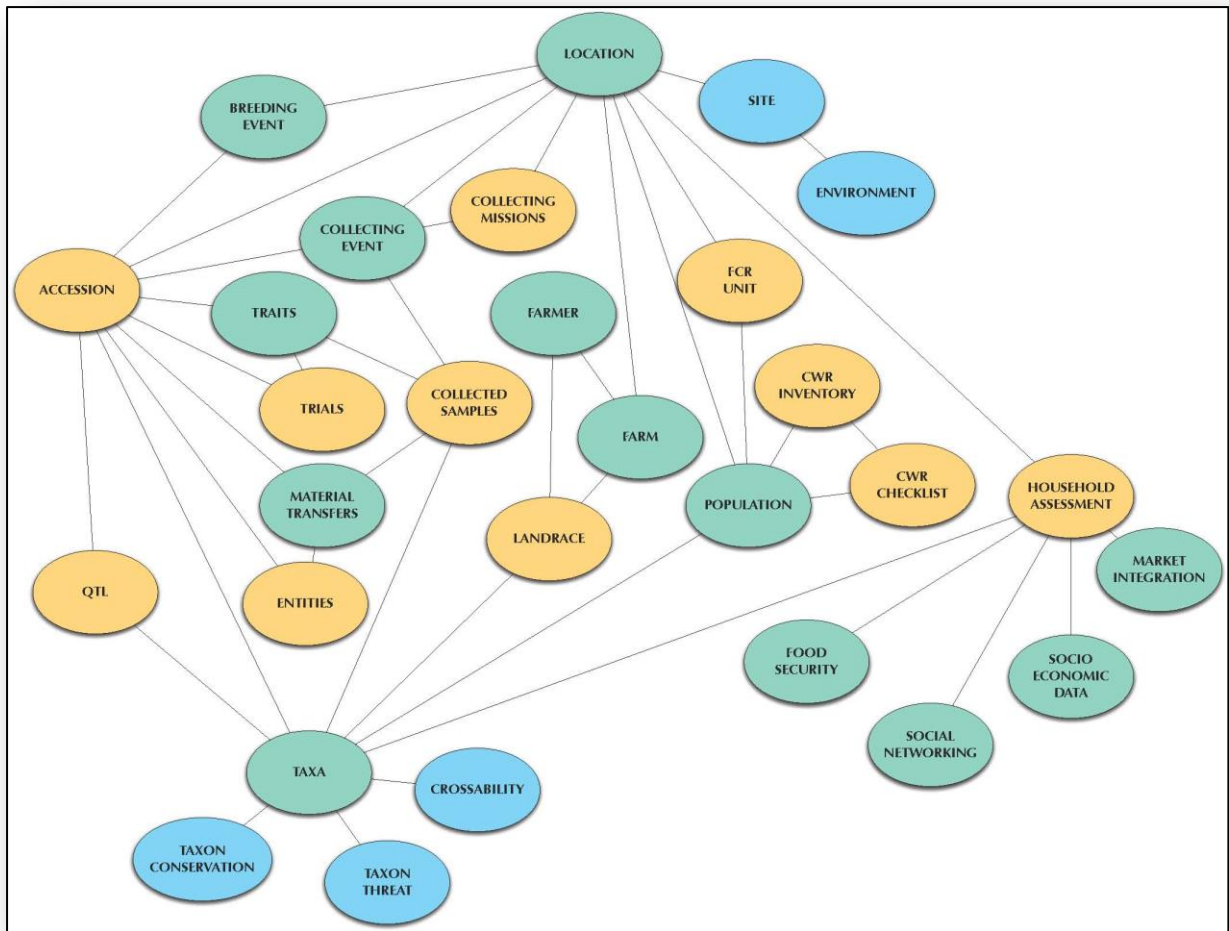


Figure 2 – Physical and logical schema in an Ontology

Figure 2 shows an example of the physical and logical schema applied to the data types being used. The ontology shows the units (yellow), its substructures (green) and its common properties (blue). In the ontology, the lines show the links between units and objects. The units represent the main kinds of objects; each unit represents a single object in the database. The unit sub-structures are structured elements which may be shared among different units, such as a collecting event which is shared between an accession unit and a collecting mission unit. The common properties and structures are elements which are shared by most units and sub-units, they represent the equivalent of a language vocabulary.

An ontology is a dynamic system which can grow horizontally with the same ease as it grows vertically, by adding a *functional* aspect to metadata, and by including in the metadata the functional relationships between the objects and measured traits. Instead of flat lists of descriptors, there is a directed graph of descriptors and functional components connected by predicates..

How to use the Ontology approach in the PGR Diversity Gateway

The main goal for the PGR Diversity Gateway was to create a specification of a series of concepts that range from the high level categories, through the specification of measurable traits down to the specification of the units used to measure these traits (Figure 3).

One part of the graph (A) represents the part of the ontology dealing with the plant. The second section of the graph (B) represents the part of the ontology dealing with traits. The third part of the ontology (C) deals with the data representation of the traits. It illustrates the methods and scales which define the trait data measurements. These sections can be managed by data curators, people specialized in each respective subject (e.g. a certain crop). The advantage of this workflow is the separation of tasks: the plant, trait and measurement sub-graphs can be developed almost independently, allowing the measurement section to grow according to whatever data are received, rather than having to shape the data to a predefined scheme.

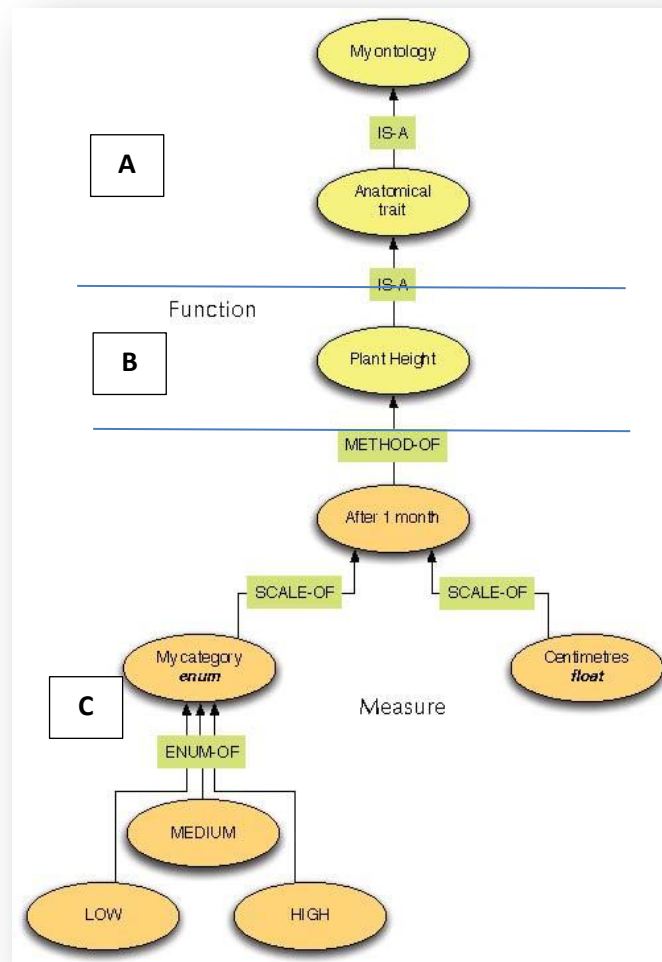


Figure 3- Function and measure in ontology

The ontology objects

Four main objects constitute the ontology: the *term*, the *node*, the *edge* and the *tag*.

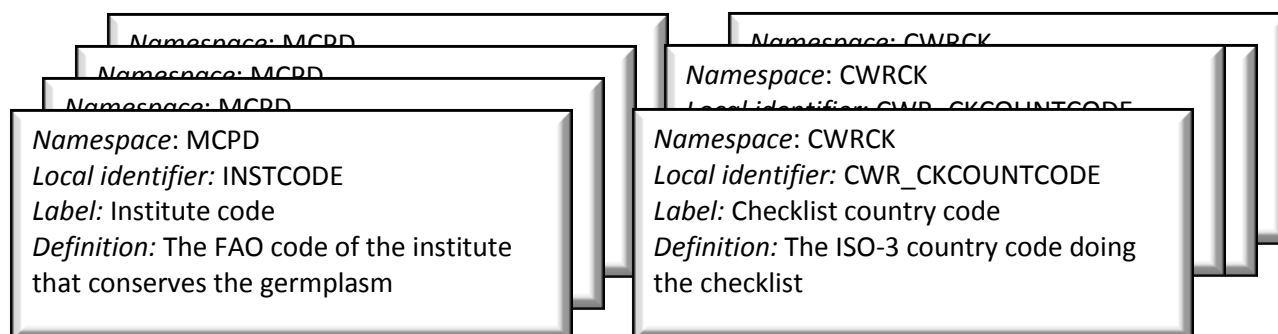


Figure 4 – Example *terms* showing two different types of data: genebank data (left) and country data (right)

The starting point of the ontology is the *term*, which can be equated to a descriptor name. Terms are objects (Figure 4) that feature these main attributes:

- **Namespace:** The namespace is a reference to another term that represents a container or logical grouping for a set of identifiers, allowing for homonym *local identifiers*.
- **Local identifier:** The local identifier is a string that uniquely identifies the term among all the other terms that share the same namespace.
- **Global identifier:** The global identifier is the concatenation of the namespace and the local identifier, it represents the unique identifier of the term among all terms of all namespaces; this attribute is computed.
- **Label:** Although not strictly required, this attribute is strongly recommended: it represents the name or short description of the term expressed in several languages. This is what a human would use to refer to a term.
- **Definition:** Like the label, this is a suggested attribute that represents the description of the term. Whenever the label is not self-explanatory, or whenever there is the need for further specification, this attribute can be used to provide such information and, like the label, this information should be provided in several languages.

Besides the properties above, terms should be prepared to host any other kind of attributes: pictures, images, links and anything needed to specify the meaning of the term in the most complete way.

Terms are not formally related to each other, they do not form a specific structure; they simply represent a general concept unrelated to any specific context. Terms should be organized in dictionaries searchable by label, code, synonyms or any other attributes that may be relevant.

Descriptors and terms are similar; it is easy to transfer descriptors into terms, making the preliminary step of populating the ontology a simple task and providing the material with which a complete ontology can be developed.

The power of an ontology, however, lies—more than in the terms themselves—in the ability to relate its elements. The structure of the ontology implemented in the Gateway is a *directed graph*, which is a collection of vertices each connected by a predicate in which the relationship has a direction (Figure 5).

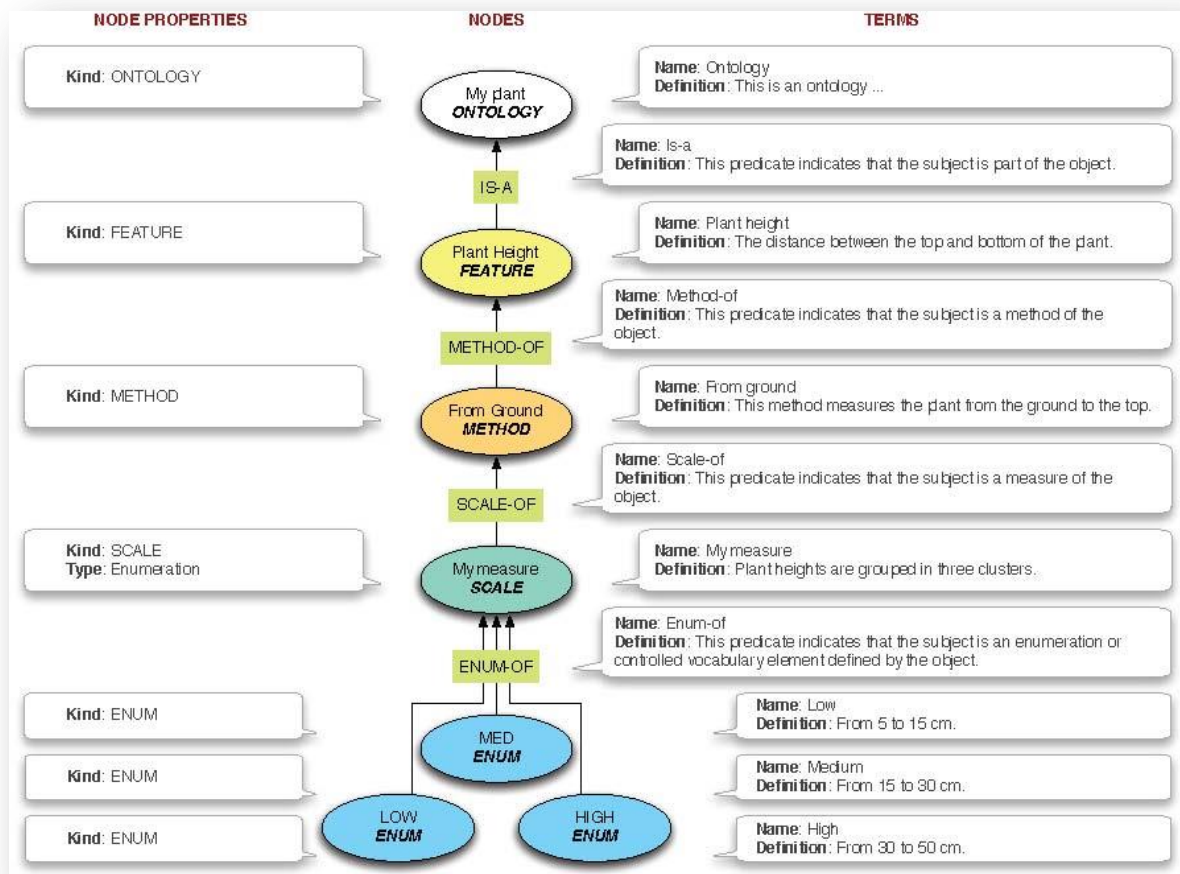


Figure 5 – Relationship between nodes and terms.

The vertices of such graphs are represented in this system by the *node*, which is a subclass of the term, in that it must reference a term. Nodes are essentially *terms in context*, or terms instantiated in a context. Nodes do not have required attributes except for the reference to the term they represent.

The interaction, between nodes and terms, is key to understanding how the ontology can be used and in deciding what kind of design to use (Figure 5).

Suppose that “name” is a *term* that defines a string used for identification, the term is generic and does not have a specific context. However, if we instantiate a *node* that references the

“name” term and connect it to a person, a “person name” is obtained; likewise if connected to an accession, an “accession name” is obtained (Figure 6). This is an example of how one can build an ontology, just like words are used in a sentence; in this case the node is an instance of a term. The advantage of this approach is to provide a means to search data which is similar to human language, allowing the selection of different domain objects using a common vocabulary.

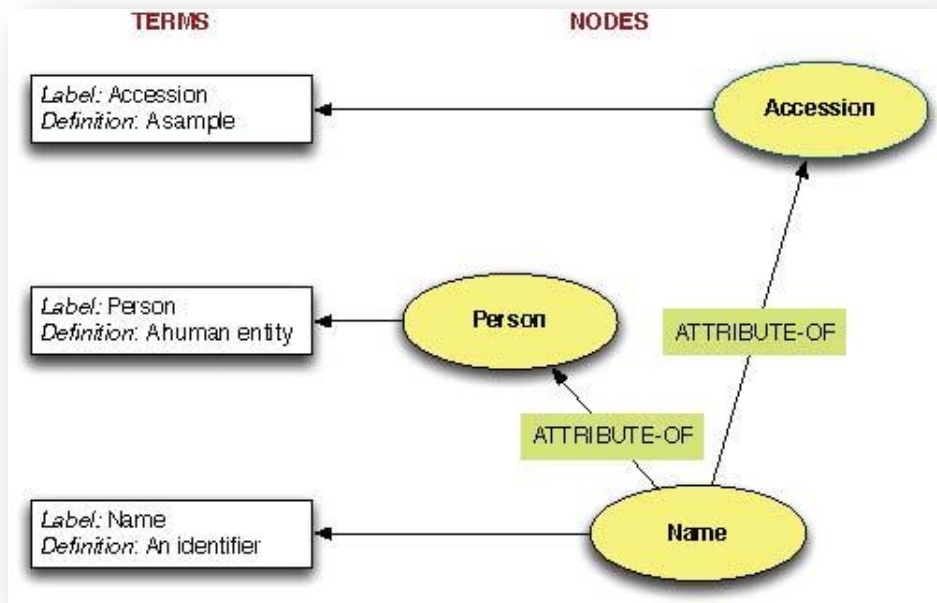


Figure 6 – Here two nodes share the same term (technically known as ‘polymorphism’).

The other strategy is to have only one node that can reference the same term (Figure 7), in this case if there is a “person name” and an “accession name”, these will be two terms and there will be one node per term. Most of the information can be stored in the term, since the term implies a lot about its context and the nodes would only exist in order to be connected, here the node and the term are the same entity.

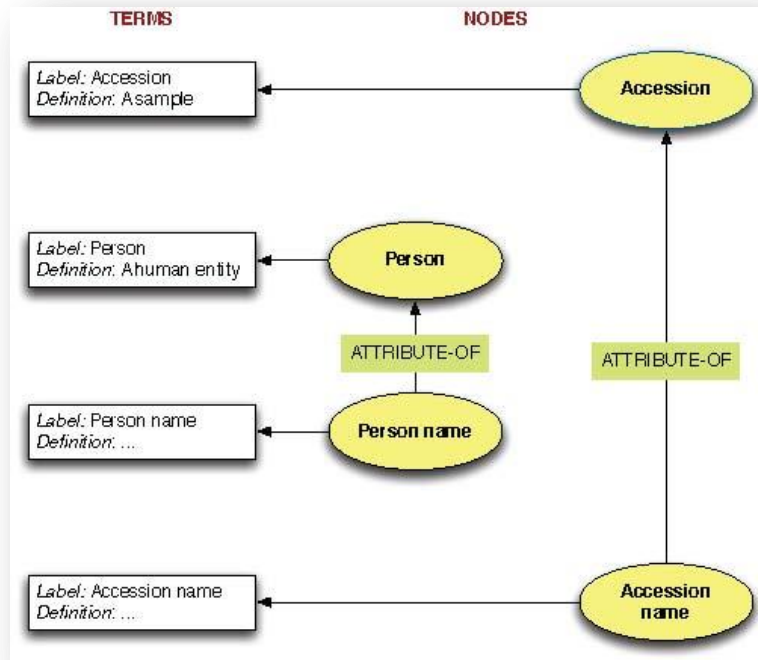


Figure 7 – These two nodes share the same term; they have the same global identifier, but have different meanings (technically this is known as ‘without polymorphism’)

These two examples show the main principles that drove the design of the PGR Diversity Gateway ontology: the ability to build semantic constructs or tree structures, using both strategies allows the ontology to better wrap the data and search it using different angles.

Nodes are related to each other by *edges* (Figure 8). These objects contain the following attributes:

- **Subject:** The reference to the *node* that represents the subject or origin of the relationship
- **Predicate:** The reference to the *term* that represents the predicate of the relationship. The predicate can be equated to the type of relationship
- **Object:** The reference to the *node* that represents the object or destination of the relationship

Besides these attributes, any other property may be added which can be used as a weight or measurable quality of the relationship when applying inference.

Edges provide the “glue” that connects all the graph vertices and provides a direction to the relationship. The object that is used for annotating data is the *tag*.

Ideally there should be a single node that describes a data element; however, data come in many sizes and colours: “plant height” may be expressed in many ways and it is often not possible nor is it desirable to convert among these different formats.

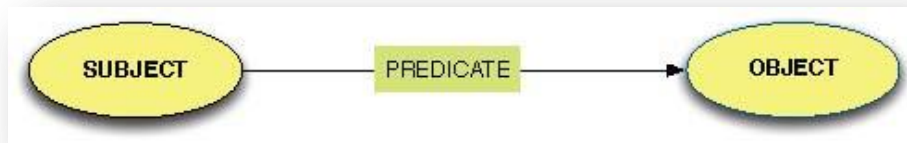


Figure 8 – Graph relationship

This means that one has two options: to incorporate the *methods* and *scales* in the vertex that defines the trait, or to create child *method* and *scale* vertices connected to the trait (Figure 9). In the first case a series of similar “plant height” traits differing little in detail is obtained, in the other case a single “plant height” vertex that branches into a series of specialized leaf nodes is obtained. The result is the same, each node in the first case or each branch in the second case will be stored as a different piece of data, but in the second case the structure will allow for greater freedom when selecting and relating elements in the ontology.

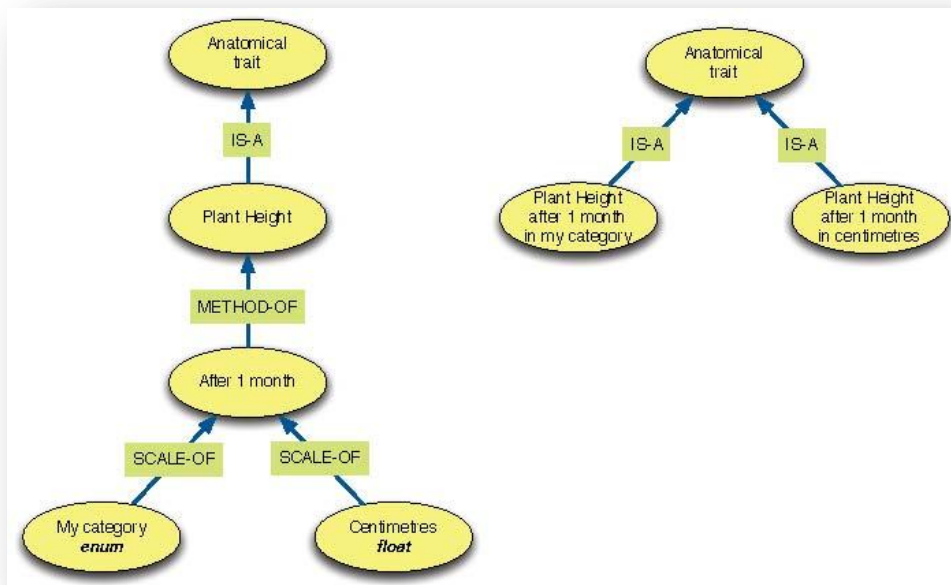


Figure 9- Disassembling concepts, the image on the right represents two descriptors which incorporate trait, method and scale into one entity; the image on the left shows these two descriptors decomposed into a graph structure in which trait, method and scale are explicit.

Since a data element can be defined by a sequence of several vertices, a *tag* was introduced. This object features a property, which records the path between the vertex that defines the trait and the vertex that defines the data type or scale. This attribute is a path that records the *term identifiers* of the vertices and the *predicates* that relate them.

For instance, a dataset may have one set which represents the *plant height* measured *after one month* in *centimetres*, this would be represented in the ontology by a vertex which defines the *plant height* trait, a vertex that defines the *method* used to take the measurement (in this case *after one month*) and a final vertex that defines the *centimetres* unit in which the data are expressed (Figure 10). This last vertex would also indicate the data type in which the data is provided.

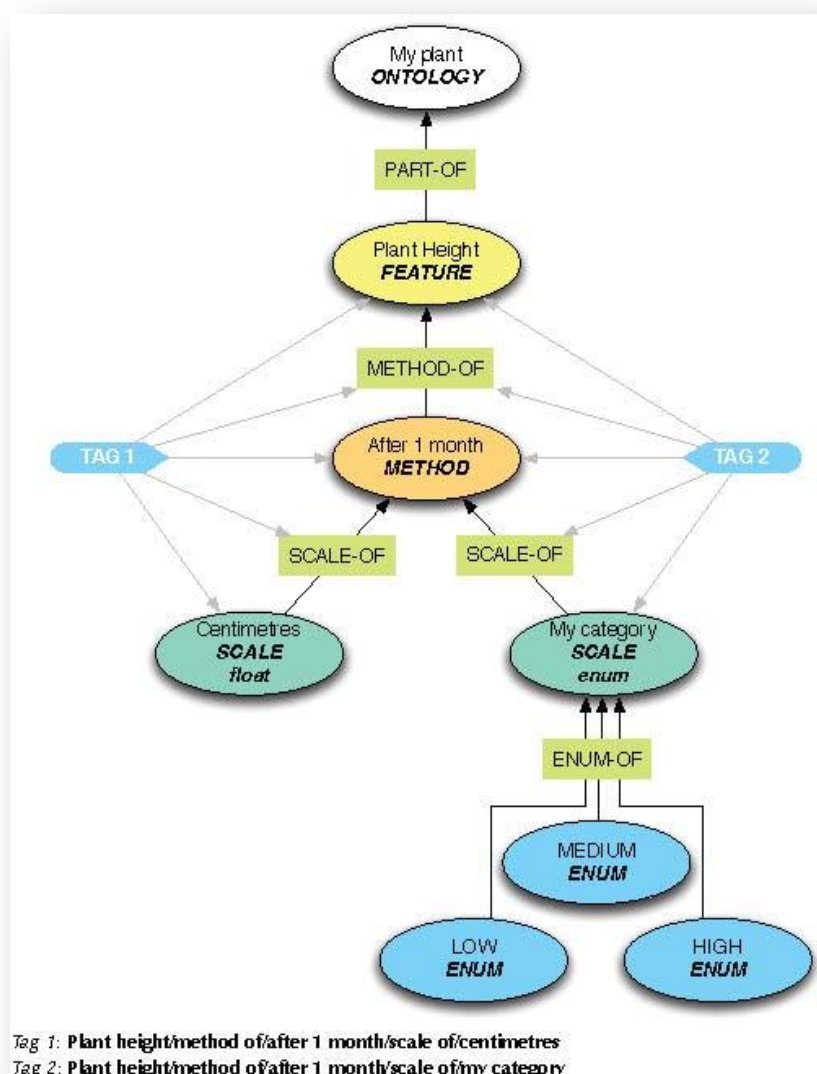


Figure 10 – Relationship between tags and nodes

The advantage of the tag is that it can generate a short identifier, leaving the freedom to use long *uniform resource name* (URN) term identifiers without impacting the size of the data store.

The other important feature is that the tag path does not reference the nodes that connect the trait to the scale, but the terms that the nodes reference. This means that if several ontologies share the same “plant height”, “after one month” and “centimetres” sequence, using any of these to annotate a data set will result in the same tag, thus the same data field (Figure 11).

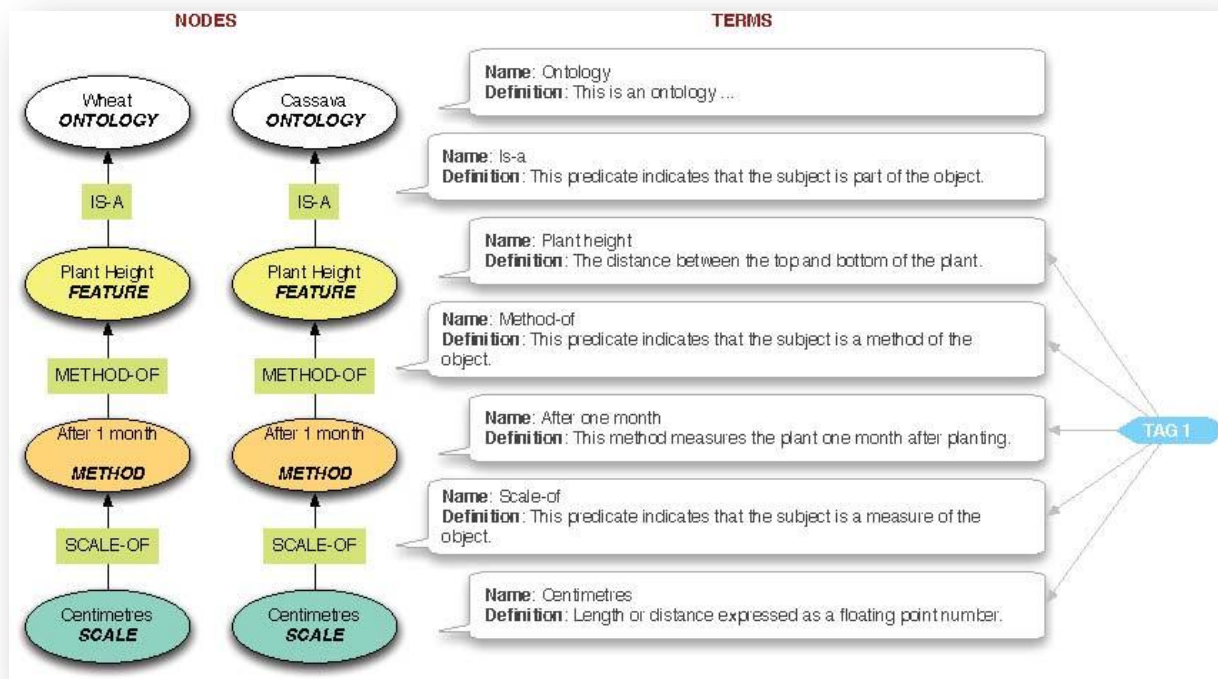


Figure 11 – Merging traits

Usage

The combination and interaction of the objects above allows the building of a variety of structures which can make the user experience easier and more powerful.

Nodes are not technically subclasses of terms but rather they reference a term. This means that there may be several nodes referencing the same term: in this case one node will be considered a *master* and all the others will be considered an *alias*. This feature can be used to create views and functional aggregations (Figure 12).

When an alias node is created, a master node is automatically created and when alias nodes are connected, their relative master nodes will also be connected. This means that the alias structures will only feature their specific relations, while the master structure will feature the collection of relationships of all related aliases.

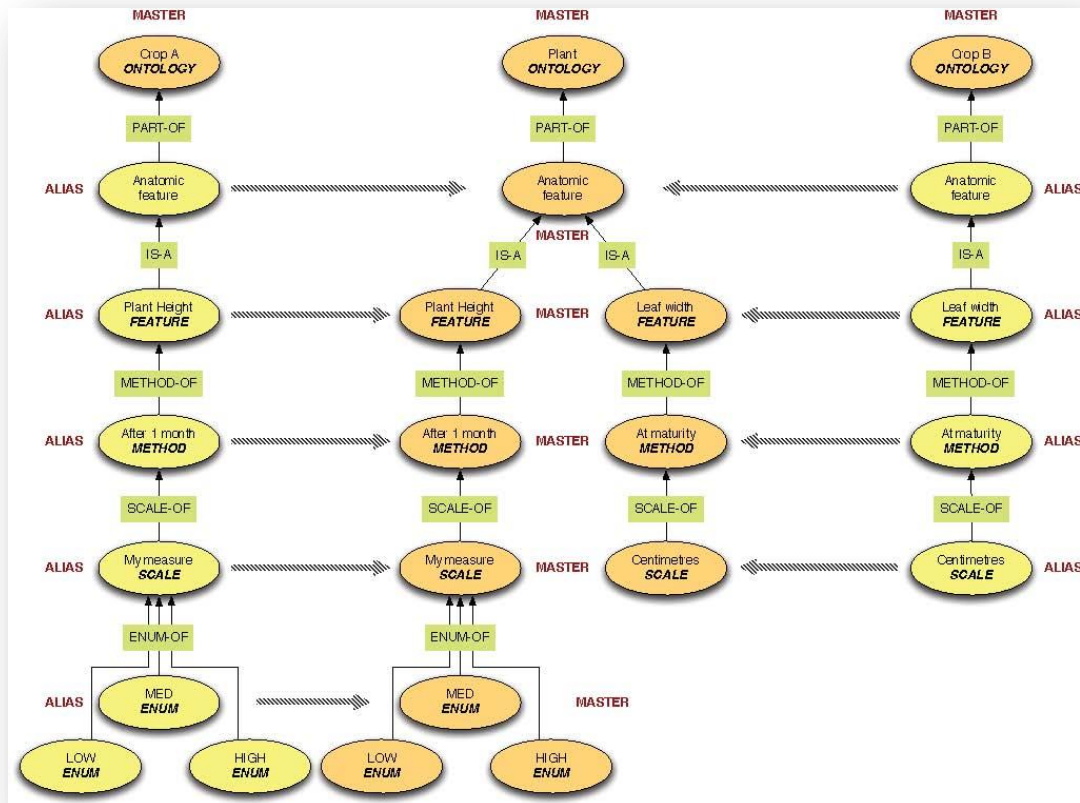


Figure 12 – Master and alias nodes

The first advantage of this feature is to create specific views within a larger structure. When navigating the “crop A” ontology, only the relationships that are relevant to that crop can be seen and, likewise, the same is true when navigating “crop B”. This can be useful when dealing with terms of common use: for instance when navigating to the *centimetres* term, if the search is not framed in a view, every single element that is related to *centimetres* can be seen, which could make navigation rather difficult.

The other advantage of this feature is the ability to have the master structure automatically populated: as elements are added to alias structures, these elements are also added to the master structure, providing a means to validate the functional validity of the model and to check the consistency between related ontologies. The fact that tags reference terms rather than nodes is a guarantee that there will also be data consistency between related ontologies.

This feature (Figure 12) allowed us to use the graph structures to design search forms, display layouts and data structures. Using the specialized ontologies to design the search forms allows categories and fields that will comprise the forms to be selected easily. It also means that the system provides greater freedom for making substantial changes in the interface and in the data structure.

The standards

A fundamental criterion for an ontology is that it must have robust standards. Standards ensure that the most important information is collected and that data are provided in a common format allowing for interoperability.

These standards are the supporting mechanism for countries to gather, digitalize and compile CWR and LR information for management, conservation and promoting use at a national, regional and global level. They provide a structure to describe in detail the various components: identification of institutes, threatened status, the taxon, population, accession; the site in which it was collected or is monitored, institute or individual monitoring, Quantitative Trait Locus (QTL) and many others. These lists were used to develop the PGR Diversity Gateway.

What standards are used to describe the data?

- The data from *ex situ* resources use the FAO/IPGRI Multi-Crop Passport Descriptors ([MCPD](#)) format used generically for genebank information and documentation
- On-farm data use the '[Descriptors for Web-Enabled National In Situ Landrace Inventories](#)'
- The *in situ* CWR national checklists, national inventories and conservation strategies use 'Standard for National Checklists, National Inventories and Conservation Strategies, v1 and Descriptors and templates for Web-Enabled Quantitative Trait Locus (QTL) Data, v1' (soon to be available online)

Examples of common fields are:

- **Taxonomy:** Family, Subfamily, Genus, Species, Scientific name, Common taxon names
- **Location:** Country, Primary administrative unit, Secondary administrative unit, Lowest administrative unit, Elevation, Minimum elevation, Maximum elevation
- **Forest gene conservation units:** Population status, Origin of the material, Predominant silvicultural system, Population management, Population justification, Population reproducing trees, Sex ratio, Status of long-term viable regeneration, Distribution of the reproducing trees in the unit
- **Accessions:** Holding institute code, Accession number, Accession names, Collecting/acquisition source, Biological status, Donor institute, Donor accession number, AEGIS status, Availability
- **Crop wild relatives:** Endemism, Chromosome number, Gene pool, Taxon group, List of species crosses, Red List assessment level, Region of assessment

- **Checklist:** Type of checklist
- **Inventory:** National inventory, List of criteria used for NI prioritization, Country of assessment

Beside the standards listed, the system ontology is using over 30 other standards, which cover other aspects of data that users may need, from poverty data to weather patterns:

Agro-biodiversity household assessments, EEC CORINE Land Cover (CLC) nomenclature, EEC EUNIS habitat type nomenclature, FAO Land use 1990, FAO/WIEWS Institutes, Forest genetic resources (FGR) inventories in Europe (EUFGIS), Global Environment Stratification (GENS), Global land cover type (ESA-GlobCover 2009 project), FAO Harmonised world soil database 2009, Human Foot Print, ISO 15924-alpha4, ISO 15924-numeric, ISO 3166-1, ISO 3166-2, ISO 3166-3, ISO 4217-A, ISO 4217-H, ISO 639-1, ISO 639-2, ISO 639-2B, ISO 639-2T, ISO 639-3, ISO 639-5, IUCN category, IUCN conservation, IUCN criteria, IUCN habitat, IUCN habitat score, IUCN threat, MCPD, NatureServe threat, World Bank Institute (WBI) income classification, World Bank Institute (WBI) lending classification, WORLDCLIM

These standards and services, if geo-coordinates are available, extract various information, such as environmental (bioclimatic variables), soil type, land cover zones and Human Foot Print and add it to the data set. This increases the data set quality and quantity and provides users with detailed information such as the environmental characterization of a sample. The data sets are automatically enriched by the system.

Searching

The data types can be searched from the generic search or from the advanced search (Figure 13).

The screenshot displays the 'Advanced search' page of the PGR Diversity Gateway. The browser window shows the URL 'pgrdiversity.biodiversityinternational.org/Advanced_search#'. The page layout includes a navigation bar with 'Home', 'About us', 'National Inventories', 'Search', and 'Sign in' links. The main content area is divided into two panels. The left panel, titled 'Metadata search', contains a search input field with a 'Contains' dropdown and a 'Data property (label) pt' field. Below this is a 'Forms' section with a list of available forms: Accession, Breeding, Collecting, Crop wild relatives checklist, Crop wild relatives inventory, Crop wild relative population, Environment, Forest, Household assessment, Inventory, Location, and Taxon. The 'Accession' form is highlighted in green. The right panel, titled 'Advanced search', contains instructions on how to use the search fields. The instructions state: 'This page can be used to select the metadata or "fields" that can be used to search data. The input field in the top of the left panel can be used to search for fields by name, type a word to have a selection of all fields containing that word; only fields which contain data will be selected. The lower section of the left panel contains search fields organized by domain, you will find generic field sections, such as Taxon or Location, which are common to most objects in the database, while sections, as Accession or Forest, contain fields for specific domains; fields which have no associated data will be disabled.'

Figure 13 – Advanced search forms

Results display by summary groups, with the possibility to further advance the search and create “group by” results. From the results the information can be viewed by each of the two formats: view data or view map.

Making the ontology usable to non-experts

Standards templates for collecting data have been prepared in Excel. The purpose was to guide data collection in a format that would directly fit into the structure (see Figure 16 for a visualization of the structure). These templates, besides guiding providers, also facilitate the gathering and cleaning of data because they require very little data manipulation to upload data. The templates are a set of worksheets that link to each other by a unique identifier. This unique identifier is needed for the system to recognize and understand the distributed and multiple data relations and providers.

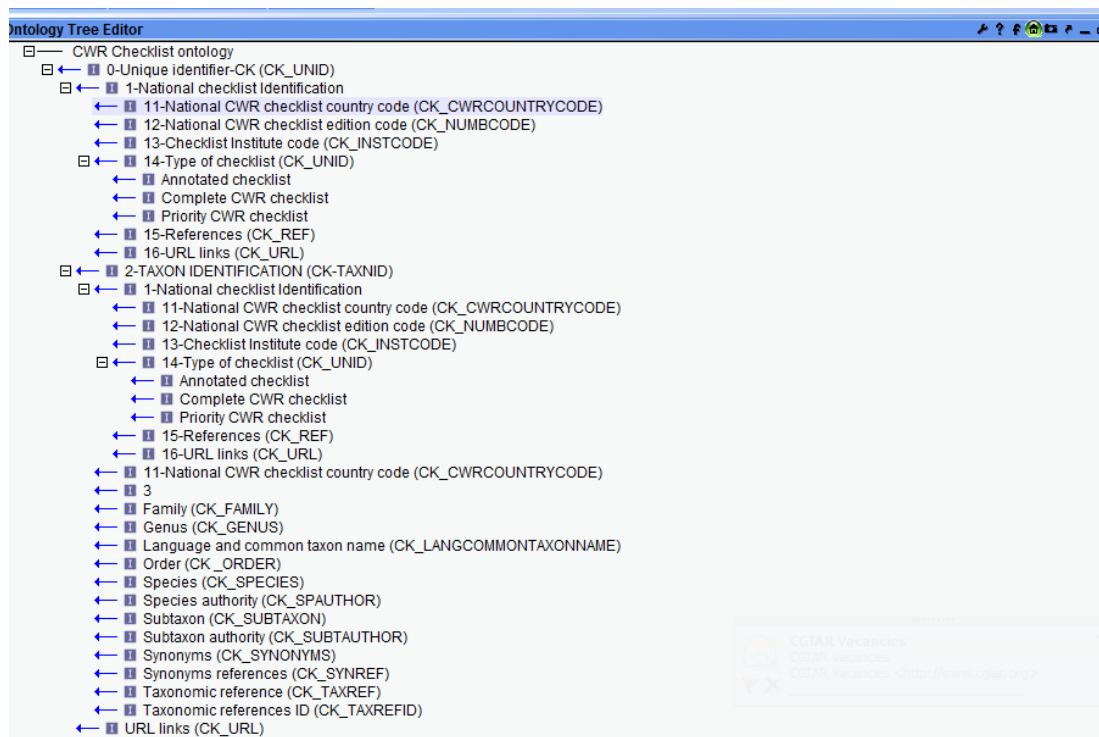


Figure 14 – Ontology tree editor for the CWR standards

Physical structure

In order to accommodate graph structures and manage large quantities of data, it was decided to move away from a traditional relational model to embrace new technologies and workflows. The system is implemented by using two main kinds of databases: the *document* database and the *graph* database (*MongoDB* and *Neo4j* respectively).

Document databases store whatever data are provided to them; there is one predefined identifier that is used to uniquely identify an object, but the rest of the data each unit stores are free. For the Gateway, *MongoDB* was selected because of its high performance, flexibility

and scalability. The main duty of this document database is to store the actual *data* and to serve as an index for the ontology.

In addition, *Neo4j* was selected as a graph databases to store triplets of subject/predicate/object relationships in the system. These databases are generally not as powerful as document databases in terms of storing large quantities of data and quickly retrieving it, they are not as scalable in terms of locality, but they are extremely powerful and fast when traversing graph structures.

The combination of these two data storage engine types allows us to handle very large quantities of data with dynamic structures, providing extremely fast response times both for the data and the metadata and implementing inference algorithms to make the system a very powerful portal.

The datasets are stored in a MongoDB database where each element is considered a unit or record that may represent a multitude of different objects, such as an accession, landrace, crop wild relative or population. Each unit can hold any number of attributes which are identified by the *tags* described above. Sub-units, such as experiment measurements, can be added at any level, since units do not have structure limitations.

The system is functional as-is without the need of the *Neo4j* graph database. What this component adds is the ability to apply inference. The graph database traversal algorithms allow discovery of data through traits not directly connected to the data. A very simple example is finding data recorded by country through regions: if country data are available and at a later stage regions data are added to the ontology, by using traversal algorithms there is the capability to search the database through regions without these being directly related to the data.

Current status of the PGR Diversity Gateway

The PGR Diversity Gateway is public, online and with free access to a:

- 1) ready-to-use platform with a portal and visualization map service
- 2) means to maintain, access and share data
- 3) advance communication and information tool to facilitate country reporting and policy decision-making on PGRFA
- 4) an infrastructure for storing and linking data on CWR, LR, traits, QTL, evaluation data, environmental data, inventories, checklists and conservation strategies
- 5) a central point for national, regional and global contacts on CWR and LR information.

Data has been loaded on the system, both from the project (CWR Checklists, LR inventories, etc) and from other existing sources (EURISCO, USDA, etc). The data already in the system includes:

- accessions (the domain of units representing an *ex situ* sample conserved in a genebank) for a total number of 531,982 records, increasing on a weekly basis with a target to reach 2 million samples
- CWR checklists (the domain of units representing crop wild relative checklists - species) with a total number of 14,860 records
- Crop wild relative inventories (the domain of units representing crop wild relative inventories - species) with 4791 records
- Forestry (the domain of forest gene conservation units with target species populations) with 3,110 records
- Organizations (contact details, map on registered institution, organization, entity) with 20644 records
- the trait data is being uploaded into the system.

For all records that have coordinates (830,452 records) data for the 19 climatic variables, soil types, human footprints and land cover can be extracted from available services. The data inferred enables identification and characterization of landscape where material was either collected or a population exists. The Gateway has also a map service that displays every record that has geo-coordinates. Records are displayed in group by proximity including the additional inferred information on the observation or point. The system has in-build the functionality to download the data searched.

Plans for future development

The platform is being maintained by Bioversity International, the further development is highly related to availability of funds. For this a proposal has been submitted to the HORIZON 2020 Call: H2020-SFS-2014-2, Topic: SFS-07a-2014 with On-Farm Diversity as the proposal acronym. This proposal will be led by Birmingham University with contributions from several partners including Bioversity International. While the PGR Diversity Gateway is providing a unified platform that enables cross domain searches, the platform will be extended to add an 'on-farm evidence-base' containing data on best practices to develop and sustain on-farm activities. Further dissemination is needed to institutionalize and build the *in situ* and on-farm CWR and LR networks or COPs, which contribute national inventories, conservation strategies and trait information. The platform can expand to support conservation and restoration (selection of most adapted material). It can also be widened to other domains, such as households, providing statistics and research visualization outputs.

Ontologies approach being uses in the system¹

Accession

Accession (descriptive format)

[node] => 32183

Name: Accession

Description: This structure contains all default properties of an accession.

[children] => Array

```
(
  [0] => Array
    (
      Name: Germplasm identifier
      Description: This attribute holds the unique
      identifier of the germplasm.
      Descriptor: :germplasm:identifier
      Data type: :type:string
      Data format: Array
        (
          [0] => :type:discrete
          [1] => :type:full-text-06
        )
    )
  [1] => Array
    (
      Name: Germplasm neighbourhood
      Description: List of related germplasm
      identifiers and references.
      Descriptor: :germplasm:neighbourhood
      Data type: :type:struct
      Data format: Array
        (
          [0] => :type:list
        )
      [children] => Array
        (
          [0] => Array
            (
              Name: Institute
              Description: This
              attribute holds a reference to the institute.
              Descriptor:
              :inventory:institute
              Data type: :type:ref:unit
            )
          [1] => Array
```

¹ Note that this document might have changes or updated after this publication.

```

(
    Name: Sample
    Description: This
attribute holds the reference to a collected sample.
    Descriptor:
:germplasm:sample
    Data type: :type:ref:unit
)

[2] => Array
(
    Name: Accession
    Description: This
attribute holds a reference to an accession.
    Descriptor:
:germplasm:accession
    Data type: :type:ref:unit
)

[3] => Array
(
    Name: Germplasm
identifier
    Description: This
attribute holds the unique identifier of the germplasm.
    Descriptor:
:germplasm:identifier
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:discrete
        [1] =>
:~type:full-text-06
    )
)

[4] => Array
(
    Name: Holding institute
code
    Description: The
FAO/WIEWS code of the institute holding the accession.
    Descriptor: mcpd:INSTCODE
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:categorical
        [1] =>
:~type:full-text-10
        [2] =>
:~type:summary
    )
)

```

```

)
[5] => Array
(
    Name: Accession number
    Description: This code
serves as a unique identifier for accessions within a genebank
collection, and is assigned when a sample is entered into the
genebank collection.
    Descriptor: mcpd:ACCENUMB
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-10
    )
)
)
)
[2] => Array
(
    Name: Characterisation
    Description: List of characterisation traits.
    Descriptor: :germplasm:characterisation
    Data type: :type:struct
)
[3] => Array
(
    Name: Evaluation
    Description: List of trials or experiments in
which the germplasm was evaluated.
    Descriptor: :germplasm:evaluation
    Data type: :type:struct
    Data format: Array
    (
        [0] => :type:list
    )
    [children] => Array
    (
        [0] => Array
        (
            Name: Name
            Description: This
attribute holds a string representing the name of the object. This is
generally the way humans refer to the object and it is not related to
a specific language.
            Descriptor: :name
            Data type: :type:string

```

```

Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-06
)
)
[1] => Array
(
    Name: Trial
    Description: This
attribute holds the reference to the trial or experiment.
    Descriptor: :trial
    Data type: :type:ref:unit
)
[2] => Array
(
    Name: Trial code
    Description: Code
identifying the trial or experiment.
    Descriptor: :trial:code
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-06
)
)
[3] => Array
(
    Name: Structure label
    Description: This
attribute holds a string which is used to identify a structure in a
list of structures that do not contain a field which can be used for
this purpose.
    Descriptor: :struct-label
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:private-search
    [2] =>
:type:private-modify
    [3] =>
:type:private-display
)
)

```



```

)
)
)
[4] => Array
(
  Name: QTL
  Description: List of quantitative trait locus
associated with the germplasm.
  Descriptor: :germplasm:qtl
  Data type: :type:struct
  Data format: Array
  (
    [0] => :type:list
  )

  [children] => Array
  (
    [0] => Array
    (
      Name: Quantitative trait
locus descriptors
      Description: This
attribute holds the reference to a QTL.
      Descriptor: qtl
      Data type: :type:ref:unit
    )

    [1] => Array
    (
      Name: QTL identifier
      Descriptor: qtl:UNID
      Data type: :type:string
      Data format: Array
      (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-06
      )
    )

    [2] => Array
    (
      Name: QTL trait names
      Descriptor: qtl:TRAITNAME
      Data type: :type:string
      Data format: Array
      (
        [0] =>
:type:discrete

```

```

:~type:~list
:~type:~full-text-06
[1] =>
[2] =>
)
)
[3] => Array
(
  Name: QTL names
  Descriptor: qtl:NAME
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:~discrete
:~type:~list
:~type:~full-text-06
)
[4] => Array
(
  Name: URL links
  Descriptor: qtl:URL
  Data type: :~type:url
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:~discrete
:~type:~list
:~type:~full-text-03
)
[5] => Array
(
  Name: Structure label
  Description: This
attribute holds a string which is used to identify a structure in a
list of structures that do not contain a field which can be used for
this purpose.
  Descriptor: :~struct-label
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
:~type:~discrete

```

```

:~type:private-search [1] =>
:~type:private-modify [2] =>
:~type:private-display [3] =>
)
)
)
)
[5] => Array
(
  Name: Material transfers
  Description: List of samples transferred.
  Descriptor: :germplasm:mt
  Data type: :~type:struct
  Data format: Array
  (
    [0] => :~type:list
  )
  [children] => Array
  (
    [0] => Array
    (
      Name: Sample
      Description: This
attribute holds the reference to a collected sample.
      Descriptor:
:germplasm:sample
      Data type: :~type:ref:unit
    )
    [1] => Array
    (
      Name: Accession
      Description: This
attribute holds a reference to an accession.
      Descriptor:
:germplasm:accession
      Data type: :~type:ref:unit
    )
    [2] => Array
    (
      Name: Germplasm
identifier
      Description: This
attribute holds the unique identifier of the germplasm.
      Descriptor:
:germplasm:identifier
      Data type: :~type:string

```

```

Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-06
)
)
[3] => Array
(
    Name: Holding institute
code
    Description: The
FAO/WIEWS code of the institute holding the accession.
    Descriptor: mcpd:INSTCODE
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-10
    [2] =>
:type:summary
)
)
[4] => Array
(
    Name: Accession number
    Description: This code
serves as a unique identifier for accessions within a genebank
collection, and is assigned when a sample is entered into the
genebank collection.
    Descriptor: mcpd:ACCENUMB
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-10
)
)
[5] => Array
(
    Name: Superclass
    Descriptor:
:type:superclassis
    Data type: :type:string
    Data format: Array

```

```

(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[6] => Array
(
    Name: Class
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[7] => Array
(
    Name: Subclass
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[8] => Array
(
    Name: Infraclass
    Descriptor:
    Data type: :type:string
    Data format: Array
    (

```

```

[0] =>
:type:categorical
[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)
[9] => Array
(
Name: Parvclass
Descriptor:

Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
:type:categorical
:type:full-text-06
:type:summary
)
)
[10] => Array
(
Name: Superfamily
Descriptor:

Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
:type:categorical
:type:full-text-06
:type:summary
)
)
[11] => Array
(
Name: Family
Descriptor:

Data type: :type:string
Data format: Array
(
[0] =>

```

```

:taxon:full-text-06
:taxon:summary
)
)
[12] => Array
(
Name: Family authority
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
:taxon:familia:author
:taxon:discrete
:taxon:full-text-03
)
[13] => Array
(
Name: Subfamily
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:subfamilia
:taxon:categorical
:taxon:full-text-06
:taxon:summary
)
[14] => Array
(
Name: Genus
Descriptor: :taxon:genus
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:categorical
:taxon:full-text-06
:taxon:summary
)

```

```

)
[15] => Array
(
    Name: Genus authority
    Descriptor:

:taxon:genus:author

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:discrete

        [1] =>

:type:full-text-03

    )
)

[16] => Array
(
    Name: Subgenus
    Descriptor:

:taxon:subgenus

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:categorical

        [1] =>

:type:full-text-06

    )
)

[17] => Array
(
    Name: Section
    Descriptor: :taxon:sectio
    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:categorical

        [1] =>

:type:full-text-06

    )
)

[18] => Array
(
    Name: Series
    Descriptor: :taxon:series
    Data type: :type:string
    Data format: Array

```



```

(
  [0] =>
:type:categorycal
  [1] =>
:type:full-text-06
)
)
[19] => Array
(
  Name: Variety
  Descriptor:
:type:varietas
  Data type: :type:string
  Data format: Array
  (
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-06
  )
)
[20] => Array
(
  Name: Variety authority
  Descriptor:
:type:varietas:author
  Data type: :type:string
  Data format: Array
  (
    [0] =>
:type:discrete
    [1] =>
:type:full-text-03
  )
)
[21] => Array
(
  Name: Form
  Descriptor: :taxon:forma
  Data type: :type:string
  Data format: Array
  (
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-06
  )
)
)

```

```

[22] => Array
(
  Name: Form authority
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:taxon:forma:author
:type:discrete
:type:full-text-03

```

```

[23] => Array
(
  Name: Domain
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:superregnum
:type:categorical
:type:full-text-06
:type:summary

```

```

[24] => Array
(
  Name: Kingdom
  Descriptor: :taxon:regnum
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:regnum
:type:categorical
:type:full-text-06
:type:summary

```

```

[25] => Array
(
  Name: Subkingdom
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:subregnum

```

```

Data type: :type:string
Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)
[26] => Array
    (
        Name: Infrakingdom or
        Descriptor:
        Data type: :type:string
        Data format: Array
            (
                [0] =>
:~type:~categorical
                [1] =>
:~type:~full-text-06
                [2] =>
:~type:~summary
            )
    )
)
[27] => Array
    (
        Name: Legion
        Descriptor: :taxon:legio
        Data type: :type:string
        Data format: Array
            (
                [0] =>
:~type:~categorical
                [1] =>
:~type:~full-text-06
                [2] =>
:~type:~summary
            )
    )
)
[28] => Array
    (
        Name: Cohort
        Descriptor: :taxon:cohors
        Data type: :type:string
        Data format: Array
            (

```

```

                                        [0] =>
:type:categorical                                        [1] =>
:type:full-text-06                                        [2] =>
:type:summary
                                        )
                                        )
[29] => Array
(
    Name: Magnorder or
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
[30] => Array
(
    Name: Superorder
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
[31] => Array
(
    Name: Grandorder
    Descriptor:
    Data type: :type:string
    Data format: Array
    (

```

```

[0] =>
:type: categorical
[1] =>
:type: full-text-06
[2] =>
:type: summary
)
)
[32] => Array
(
  Name: Grandorder
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
    :type: categorical
    :type: full-text-06
    :type: summary
  )
)
[33] => Array
(
  Name: Order
  Descriptor: :taxon:ordo
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
    :type: categorical
    :type: full-text-06
    :type: summary
  )
)
[34] => Array
(
  Name: Suborder
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    :type: categorical
  )
)

```

```

                                [1] =>
:type:full-text-06
                                [2] =>
:type:summary
                                )
                                )
[35] => Array
      (
        Name: Infraorder
        Descriptor:
        Data type: :type:string
        Data format: Array
          (
                                [0] =>
:type:infraordo
                                [1] =>
:type:categorical
                                [2] =>
:type:full-text-06
                                [2] =>
:type:summary
          )
      )
[36] => Array
      (
        Name: Parvorder
        Descriptor:
        Data type: :type:string
        Data format: Array
          (
                                [0] =>
:type:parvordo
                                [1] =>
:type:categorical
                                [2] =>
:type:full-text-06
                                [2] =>
:type:summary
          )
      )
[37] => Array
      (
        Name: Superphylum or
        Descriptor:
        Data type: :type:string
        Data format: Array
          (
                                [0] =>
Superdivision
:type:superphylum
:type:categorical
          )
      )

```

```

:~type:full-text-06
:~type:summary
)
)
[38] => Array
(
  Name: Phylum or Division
  Descriptor: :~taxon:phylum
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:~categorical
:~type:full-text-06
:~type:summary
)
[39] => Array
(
  Name: Subphylum
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~taxon:~subphylum
:~type:~categorical
:~type:full-text-06
:~type:summary
)
[40] => Array
(
  Name: Infraphylum
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~taxon:~infraphylum
:~type:~categorical
:~type:full-text-06

```

```

:~type:summary                                     [2] =>
                                                    )
                                                )
[41] => Array
(
  Name: Microphylum
  Descriptor:
  Data type: :~type:string
  Data format: Array
    (
      [0] =>
      [1] =>
      [2] =>
    )
  )
:~taxon:microphylum
:~type:categorical
:~type:full-text-06
:~type:summary
)
[42] => Array
(
  Name: Superspecies
  Descriptor:
  Data type: :~type:string
  Data format: Array
    (
      [0] =>
      [1] =>
    )
  )
:~taxon:superspecies
:~type:categorical
:~type:full-text-06
)
[43] => Array
(
  Name: Species
  Descriptor:
  Data type: :~type:string
  Data format: Array
    (
      [0] =>
      [1] =>
    )
  )
:~taxon:species
:~type:categorical
:~type:full-text-06
)
)

```



```

[44] => Array
(
    Name: Species authority
    Descriptor:

:taxon:species:author

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:discrete

        [1] =>

:type:full-text-03

    )
)

[45] => Array
(
    Name: Subspecies
    Descriptor:

:taxon:subspecies

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:categorical

        [1] =>

:type:full-text-06

    )
)

[46] => Array
(
    Name: Subspecies

authority

    Descriptor:

:taxon:subspecies:author

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:discrete

        [1] =>

:type:full-text-03

    )
)

[47] => Array
(
    Name: Supertribe

:taxon:supertribus

    Descriptor:

    Data type: :type:string
    Data format: Array

```

```

(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[48] => Array
(
    Name: Tribe
    Descriptor: :taxon:tribus
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
    )
)
[49] => Array
(
    Name: Subtribe
    Descriptor:
:type:taxon:subtribus
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[50] => Array
(
    Name: Taxonomic rank
    Description: This
attribute holds the enumerated value describing the rank or position
in the taxonomic hierarchy.
    Descriptor: :taxon:rank
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorycal

```

```

:~type:full-text-06
:~type:summary
)
)
[51] => Array
(
  Name: Crop
  Descriptor: :~taxon:crop
  Data type: :~type:enum
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:categorical
:~type:full-text-03
:~type:summary
)
[52] => Array
(
  Name: Chromosome number
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~taxon:chromosome-number
:~type:discrete
:~type:list
:~type:full-text-03
)
[53] => Array
(
  Name: Gene Pool
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~taxon:genepool
:~type:discrete
:~type:list

```

```

:taxon:full-text-03
[2] =>
)
)
[54] => Array
(
Name: Gene Pool reference
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
:taxon:genepool-ref
:type:discrete
:type:list
[55] => Array
(
Name: Taxon group
Descriptor: :taxon:group
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:type:discrete
:type:list
:type:full-text-03
[56] => Array
(
Name: Taxon group
Descriptor: :taxon:group-
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
reference
ref
:type:discrete
:type:full-text-03

```

```

[57] => Array
(
    Name: GP/TG group concept
    Descriptor: :taxon:gp/tg
    Data type: :type:text
    Data format: Array
        (
            [0] =>
            [1] =>
        )
)
:type:discrete
:type:list

[58] => Array
(
    Name: Taxon sub-group
    Descriptor: :taxon:sub-
group
    Data type: :type:string
    Data format: Array
        (
            [0] =>
            [1] =>
            [2] =>
        )
)
:type:discrete
:type:list
:type:full-text-03

[59] => Array
(
    Name: Taxon sub-group
    Descriptor: :taxon:sub-
group-ref
    Data type: :type:string
    Data format: Array
        (
            [0] =>
            [1] =>
        )
)
:type:discrete
:type:list

[60] => Array
(
    Name: Taxon designation
    Description: Type of
taxon.

```



```

Name: Taxon primary or
prioritised uses
Description: Designation
of the primary or prioritized use of the associated crop or the wild
utilised species taxon.
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
[64] => Array
(
    Name: Designation notes
    Description: Notes on
occurrence and designation status from databases, literature or
personal communications.
Descriptor:
Data type: :type:text
Data format: Array
(
    [0] =>
    [1] =>
)
)
[65] => Array
(
    Name: Relation to crop
    Descriptor: :taxon:rel-
crop
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
)

```

```

[66] => Array
(
  Name: Associated crop
  Description: Scientific
  Descriptor: :taxon:rel-
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)

taxa
names of the associated crop to which the crop wild relative is
related.
crop:taxa
:type:categorical
:type:list
:type:full-text-03

[67] => Array
(
  Name:
  Description: The
  Descriptor: :taxon:rel-
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)

Associated_crop_common names
vernacular names of the associated crop taxon to which the crop wild
relative is related.
crop:names
:type:categorical
:type:list
:type:full-text-03

[68] => Array
(
  Name: Occurrence status
  Descriptor:
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
  )
)

:taxon:occurrence-status
:type:categorical

```



```

)
[72] => Array
(
    Name: Intraspecific
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
epithet
:taxon:intraspecies
:type:categorical
:type:full-text-06

[73] => Array
(
    Name: Intraspecific
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
authority
:taxon:intraspecies:author
:type:discrete
:type:full-text-03

[74] => Array
(
    Name: Valid scientific
    Descriptor: :taxon:valid
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
name
:type:categorical
:type:full-text-03

[75] => Array
(
    Name: Scientific name
synonyms

```

```

:taxon:synonym
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
:taxon:synonym
:taxon:synonym
:taxon:synonym
:taxon:synonym
)
)
[76] => Array
(
    Name: Common taxon names
    Descriptor: :taxon:names
    Data type:
:taxon:names
    Data format: Array
(
    [0] =>
:taxon:names
:taxon:names
:taxon:names
:taxon:names
)
)
[77] => Array
(
    Name: Taxonomic reference
    Description: This
attribute holds the internet address in which the current taxon is
published.
    Descriptor: :taxon:url
    Data type: :type:url
    Data format: Array
(
    [0] =>
:taxon:url
:taxon:url
:taxon:url
:taxon:url
)
)
[78] => Array
(
    Name: Scientific name
    Descriptor: :taxon:id
    Data type: :type:string
    Data format: Array
(

```

```

:~type:discrete
[0] =>
)
)
[79] => Array
(
Name: Scientific name
Descriptor:
Data type: :~type:url
Data format: Array
(
[0] =>
[1] =>
)
)
[80] => Array
(
Name: Scientific name
Descriptor: :~taxon:synref
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[81] => Array
(
Name: Annex 1 group
Descriptor: :~taxon:annex-
1
Data type: :~type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
)

```

```

[82] => Array
(
  Name: Annex 1 notes
  Descriptor: :taxon:annex-

1:notes

  Data type: :type:text
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

:type:discrete
:type:full-text-03

[83] => Array
(
  Name: Taxon policy notes
  Descriptor:

:taxon:unit:policy:notes

  Data type: :type:text
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

:type:discrete
:type:full-text-03

[84] => Array
(
  Name: Entity acronyms
  Description: This
attribute holds the list of acronyms used by the entity.
  Descriptor:

:entity:acronym

  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)

:type:categorycal
:type:list
:type:full-text-10

[85] => Array
(

```

```

Name: Entity internet
addresses
Description: This
attribute holds the entity list of internet addresses discriminated
by type.
Descriptor: :entity:url
Data type: :type:typed-
list
Data format: Array
(
[0] =>
:type:discrete
)
)
[86] => Array
(
Name: Authentication code
Description: This
attribute holds a string which identifies the entity credentials used
to authenticate with the service.
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
:type:discrete
[1] =>
:type:private-search
[2] =>
:type:private-display
)
)
[87] => Array
(
Name: Authentication
password
Description: This
attribute holds a string which validates the entity credentials used
to authenticate with the service.
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
:type:discrete
[1] =>
:type:private-search
[2] =>
:type:private-display
)
)

```

```

)
[88] => Array
(
    Name: Entity first name
    Description: This
attribute holds a string representing the first name of the entity.
    Descriptor: :entity:fname
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:discrete
            [1] =>
:~type:full-text-06
        )
)

[89] => Array
(
    Name: Entity last name
    Description: This
attribute holds a string representing the last name of the entity.
    Descriptor: :entity:lname
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:discrete
            [1] =>
:~type:full-text-10
        )
)

[90] => Array
(
    Name: Name
    Description: This
attribute holds a string representing the name of the object. This is
generally the way humans refer to the object and it is not related to
a specific language.
    Descriptor: :name
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:discrete
            [1] =>
:~type:full-text-06
        )
)
)

```

```

[91] => Array
(
    Name: Entity identifier
    Description: This
attribute holds a string representing the identification code of the
entity.
    Descriptor:
:entity:identifier
    Data type: :type:string
    Data format: Array
(
    [0] =>
:~type:discrete
    [1] =>
:~type:full-text-10
)
)

```

```

[92] => Array
(
    Name: Entity type
    Description: This
attribute holds an enumerated set describing the various types of the
holding entity.
    Descriptor: :type:entity
    Data type: :type:enum-set
    Data format: Array
(
    [0] =>
:~type:~categorical
    [1] =>
:~type:~full-text-03
    [2] =>
:~type:~summary
)
)

```

```

[93] => Array
(
    Name: Entity kind
    Description: This
attribute holds an enumerated set describing the various kinds of the
holding entity.
    Descriptor: :kind:entity
    Data type: :type:enum-set
    Data format: Array
(
    [0] =>
:~type:~categorical
    [1] =>
:~type:~full-text-03
    [2] =>
:~type:~summary
)
)

```



```

)
[94] => Array
(
    Name: Entity mailing
addresses
    Description: This
attribute holds the entity list of mailing addresses discriminated by
type.
    Descriptor: :entity:mail
Data type: :type:typed-
list
    Data format: Array
(
    [0] =>
:type:discrete
)
)
[95] => Array
(
    Name: Entity electronic
mail addresses
    Description: This
attribute holds the entity list of e-mail addresses discriminated by
type.
    Descriptor: :entity:email
Data type: :type:typed-
list
    Data format: Array
(
    [0] =>
:type:discrete
)
)
[96] => Array
(
    Name: Entity telephone
numbers
    Description: This
attribute holds the entity list of telephone numbers discriminated by
type.
    Descriptor: :entity:phone
Data type: :type:typed-
list
    Data format: Array
(
    [0] =>
:type:discrete
)
)

```

```

[97] => Array
(
    Name: Entity telefax
numbers
    Description: This
attribute holds the entity list of telefax numbers discriminated by
type.
    Descriptor: :entity:fax
    Data type: :type:typed-
list
    Data format: Array
(
    [0] =>
:type:discrete
)
)

[98] => Array
(
    Name: Entity telex
attribute holds the entity list of telex codes discriminated by type.
    Description: This
    Descriptor: :entity:tlx
    Data type: :type:typed-
list
    Data format: Array
(
    [0] =>
:type:discrete
)
)

[99] => Array
(
    Name: Affiliation
attribute holds the list of entities to which the current object is
affiliated, discriminated by type.
    Description: This
    Descriptor:
:type:affiliation
    Data type: :type:typed-
list
    Data format: Array
(
    [0] =>
:type:discrete
)
)

[100] => Array
(
    Name: Entity nationality

```

attribute holds the nationality of the entity, this is expressed as an ISO country code.

:entity:nationality

:type:categorical

:type:full-text-03

:type:summary

Description: This

Descriptor:

Data type: :type:enum

Data format: Array

([0] =>

[1] =>

[2] =>

)

)

[101] => Array

(

Name: Valid entity

Description: This

attribute holds the reference to the valid, current or preferred entity. This is used to keep track of historical entity records when these entities become obsolete or defunct.

Descriptor: :entity:valid

Data type: :type:ref:self

Data format: Array

([0] =>

:type:discrete

)

)

[102] => Array

(

Name: Institute

Description: This

attribute holds a reference to the institute.

Descriptor:

:inventory:institute

Data type: :type:ref:unit

)

[103] => Array

(

Name: Transfer identifier

Descriptor:

:germplasm:mt:identifier

Data type: :type:string

Data format: Array

([0] =>

:type:discrete

)

```

)
[104] => Array
(
    Name: Transfer date
    Descriptor:

:germplasm:mt:date

    Data type: :type:date
    Data format: Array
    (
        [0] =>

:type:quantitative

    )
)

[105] => Array
(
    Name: SMTA type
    Descriptor:

:germplasm:mt:smta

    Data type: :type:enum
    Data format: Array
    (
        [0] =>

:type:categorical

        [1] =>

:type:full-text-03

        [2] =>

:type:summary

    )
)

[106] => Array
(
    Name: SMTA notes
    Descriptor:

:germplasm:mt:smta:notes

    Data type: :type:text
    Data format: Array
    (
        [0] =>

:type:discrete

        [1] =>

:type:full-text-03

    )
)

[107] => Array
(
    Name: Number of intended
samples

```

```

samples planned to be transferred.
:germplasm:mt:samples-intended
:type:quantitative
Description: Number of
Descriptor:
Data type: :type:int
Data format: Array
(
    [0] =>
)
)
[108] => Array
(
    Name: Number of verified
    Description: Number of
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
samples
samples verified.
:germplasm:mt:samples-verified
:type:quantitative
Description: Number of
Descriptor:
Data type: :type:int
Data format: Array
(
    [0] =>
)
)
[109] => Array
(
    Name: Number of samples
    Description: Number of
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
received
samples apparently received.
:germplasm:mt:samples-received
:type:quantitative
Description: Number of
Descriptor:
Data type: :type:int
Data format: Array
(
    [0] =>
)
)
[110] => Array
(
    Name: Structure label
    Description: This
attribute holds a string which is used to identify a structure in a
list of structures that do not contain a field which can be used for
this purpose.
    Descriptor: :struct-label
    Data type: :type:string
)

```

```

Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:private-search
    [2] =>
:type:private-modify
    [3] =>
:type:private-display
)
)
)
[6] => Array
(
    Name: Holding institute code
    Description: The FAO/WIEWS code of the
institute holding the accession.
    Descriptor: mcpd:INSTCODE
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-10
        [2] => :type:summary
    )
)
[7] => Array
(
    Name: Accession number
    Description: This code serves as a unique
identifier for accessions within a genebank collection, and is
assigned when a sample is entered into the genebank collection.
    Descriptor: mcpd:ACCENUMB
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-10
    )
)
[8] => Array
(
    Name: Accession names
    Description: Either registered or other formal
designations given to the accession. First letter uppercase.
    Descriptor: mcpd:ACCENAME
)

```

```

Data type: :type:string
Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:list
    [2] => :type:full-text-10
  )
)
[9] => Array
  (
    Name: Remarks
    Descriptor: mcpd:REMARKS
    Data type: :type:text
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
[10] => Array
  (
    Name: Superclass
    Descriptor: :taxon:superclassis
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
[11] => Array
  (
    Name: Class
    Descriptor: :taxon:classis
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
[12] => Array
  (
    Name: Subclass
    Descriptor: :taxon:subclassis
    Data type: :type:string

```

```

        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[13] => Array
    (
        Name: Infraclass
        Descriptor: :taxon:infraclassis
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[14] => Array
    (
        Name: Parvclass
        Descriptor: :taxon:parvclassis
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[15] => Array
    (
        Name: Superfamily
        Descriptor: :taxon:superfamilia
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[16] => Array
    (
        Name: Family
        Descriptor: :taxon:familia
        Data type: :type:string
    )

```



```

        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[17] => Array
    (
        Name: Family authority
        Descriptor: :taxon:familia:author
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[18] => Array
    (
        Name: Subfamily
        Descriptor: :taxon:subfamilia
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[19] => Array
    (
        Name: Genus
        Descriptor: :taxon:genus
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[20] => Array
    (
        Name: Genus authority
        Descriptor: :taxon:genus:author
        Data type: :type:string
        Data format: Array
    )

```

```

        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[21] => Array
    (
        Name: Subgenus
        Descriptor: :taxon:subgenus
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[22] => Array
    (
        Name: Section
        Descriptor: :taxon:sectio
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[23] => Array
    (
        Name: Series
        Descriptor: :taxon:series
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[24] => Array
    (
        Name: Variety
        Descriptor: :taxon:varietas
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )

```

```

    )
[25] => Array
    (
      Name: Variety authority
      Descriptor: :taxon:varietas:author
      Data type: :type:string
      Data format: Array
        (
          [0] => :type:discrete
          [1] => :type:full-text-03
        )
    )
)
[26] => Array
    (
      Name: Form
      Descriptor: :taxon:forma
      Data type: :type:string
      Data format: Array
        (
          [0] => :type:categorical
          [1] => :type:full-text-06
        )
    )
)
[27] => Array
    (
      Name: Form authority
      Descriptor: :taxon:forma:author
      Data type: :type:string
      Data format: Array
        (
          [0] => :type:discrete
          [1] => :type:full-text-03
        )
    )
)
[28] => Array
    (
      Name: Domain
      Descriptor: :taxon:superregnum
      Data type: :type:string
      Data format: Array
        (
          [0] => :type:categorical
          [1] => :type:full-text-06
          [2] => :type:summary
        )
    )
)

```

```

[29] => Array
  (
    Name: Kingdom
    Descriptor: :taxon:regnum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[30] => Array
  (
    Name: Subkingdom
    Descriptor: :taxon:subregnum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[31] => Array
  (
    Name: Infrakingdom or Branch
    Descriptor: :taxon:infraregnum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[32] => Array
  (
    Name: Legion
    Descriptor: :taxon:legio
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

```

```

[33] => Array
  (
    Name: Cohort
    Descriptor: :taxon:cohors
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[34] => Array
  (
    Name: Magnorder or Megaorder
    Descriptor: :taxon:magnordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[35] => Array
  (
    Name: Superorder
    Descriptor: :taxon:superordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[36] => Array
  (
    Name: Grandorder
    Descriptor: :taxon:grandordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

```

```

[37] => Array
  (
    Name: Grandorder
    Descriptor: :taxon:mirordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[38] => Array
  (
    Name: Order
    Descriptor: :taxon:ordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[39] => Array
  (
    Name: Suborder
    Descriptor: :taxon:subordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[40] => Array
  (
    Name: Infraorder
    Descriptor: :taxon:infraordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

```

```

[41] => Array
(
  Name: Parvorder
  Descriptor: :taxon:parvordo
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)

[42] => Array
(
  Name: Superphylum or Superdivision
  Descriptor: :taxon:superphylum
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)

[43] => Array
(
  Name: Phylum or Division
  Descriptor: :taxon:phylum
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)

[44] => Array
(
  Name: Subphylum
  Descriptor: :taxon:subphylum
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)

```

```

[45] => Array
  (
    Name: Infraphylum
    Descriptor: :taxon:infraphylum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[46] => Array
  (
    Name: Microphylum
    Descriptor: :taxon:microphylum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[47] => Array
  (
    Name: Superspecies
    Descriptor: :taxon:superspecies
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
)

[48] => Array
  (
    Name: Species
    Descriptor: :taxon:species
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
)

[49] => Array
  (

```



```

Name: Species authority
Descriptor: :taxon:species:author
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)

[50] => Array
    (
        Name: Subspecies
        Descriptor: :taxon:subspecies
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
            )
    )

[51] => Array
    (
        Name: Subspecies authority
        Descriptor: :taxon:subspecies:author
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )

[52] => Array
    (
        Name: Supertribe
        Descriptor: :taxon:supertribus
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
                [2] => :type:summary
            )
    )

[53] => Array
    (
        Name: Tribe
        Descriptor: :taxon:tribus
        Data type: :type:string

```

```

        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[54] => Array
    (
        Name: Subtribe
        Descriptor: :taxon:subtribus
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[55] => Array
    (
        Name: Taxonomic rank
        Description: This attribute holds the
enumerated value describing the rank or position in the taxonomic
hierarchy.
        Descriptor: :taxon:rank
        Data type: :type:enum
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[56] => Array
    (
        Name: Crop
        Descriptor: :taxon:crop
        Data type: :type:enum
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
    )
[57] => Array
    (
        Name: Chromosome number

```

```

Descriptor: :taxon:chromosome-number
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:list
        [2] => :type:full-text-03
    )
)

[58] => Array
    (
        Name: Gene Pool
        Descriptor: :taxon:genepool
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-03
            )
    )

[59] => Array
    (
        Name: Gene Pool reference
        Descriptor: :taxon:genepool-ref
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
            )
    )

[60] => Array
    (
        Name: Taxon group
        Descriptor: :taxon:group
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-03
            )
    )

[61] => Array
    (
        Name: Taxon group reference
        Descriptor: :taxon:group-ref
    )

```

```

Data type: :type:string
Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)

[62] => Array
  (
    Name: GP/TG group concept
    Descriptor: :taxon:gp/tg
    Data type: :type:text
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:list
      )
    )
)

[63] => Array
  (
    Name: Taxon sub-group
    Descriptor: :taxon:sub-group
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:list
        [2] => :type:full-text-03
      )
    )
)

[64] => Array
  (
    Name: Taxon sub-group reference
    Descriptor: :taxon:sub-group-ref
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:list
      )
    )
)

[65] => Array
  (
    Name: Taxon designation
    Description: Type of taxon.
    Descriptor: :taxon:designation
    Data type: :type:string
    Data format: Array

```

```

        (
            [0] => :type:categorical
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[66] => Array
    (
        Name: Taxon designation references
        Description: Database, literature or personal
communication reference for listing of taxon as a crop wild relative
or wild utilised species.
        Descriptor: :taxon:designation:ref
        Data type: :type:text
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[67] => Array
    (
        Name: Taxon national designation
        Descriptor: :taxon:designation:national
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
        )
    )
[68] => Array
    (
        Name: Taxon primary or prioritised uses
        Description: Designation of the primary or
prioritized use of the associated crop or the wild utilised species
taxon.
        Descriptor: :taxon:designation:use
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[69] => Array

```

```

(
    Name: Designation notes
    Description: Notes on occurrence and
designation status from databases, literature or personal
communications.
    Descriptor: :taxon:designation:notes
    Data type: :type:text
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)

[70] => Array
(
    Name: Relation to crop
    Descriptor: :taxon:rel-crop
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)

[71] => Array
(
    Name: Associated crop taxa
    Description: Scientific names of the associated
crop to which the crop wild relative is related.
    Descriptor: :taxon:rel-crop:taxa
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:list
        [2] => :type:full-text-03
    )
)

[72] => Array
(
    Name: Associated_crop_common names
    Description: The vernacular names of the
associated crop taxon to which the crop wild relative is related.
    Descriptor: :taxon:rel-crop:names
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:list
    )
)

```

```

                [2] => :type:full-text-03
            )
        )
[73] => Array
(
    Name: Occurrence status
    Descriptor: :taxon:occurrence-status
    Data type: :type:enum-set
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[74] => Array
(
    Name: Scientific name
    Descriptor: :taxon:epithet
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[75] => Array
(
    Name: Scientific name authority
    Descriptor: :taxon:author
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[76] => Array
(
    Name: Species name
    Descriptor: :taxon:species:name
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )

```

```

    )
[77] => Array
  (
    Name: Intraspecific epithet
    Descriptor: :taxon:infraspecies
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
)
[78] => Array
  (
    Name: Intraspecific authority
    Descriptor: :taxon:infraspecies:author
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
)
[79] => Array
  (
    Name: Valid scientific name
    Descriptor: :taxon:valid
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
      )
    )
)
[80] => Array
  (
    Name: Scientific name synonyms
    Descriptor: :taxon:synonym
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:list
        [2] => :type:full-text-03
      )
    )
)

```



```

[81] => Array
  (
    Name: Common taxon names
    Descriptor: :taxon:names
    Data type: :type:language-strings
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )

[82] => Array
  (
    Name: Taxonomic reference
    Description: This attribute holds the internet
address in which the current taxon is published.
    Descriptor: :taxon:url
    Data type: :type:url
    Data format: Array
      (
        [0] => :type:discrete
      )
    )

[83] => Array
  (
    Name: Scientific name identifier
    Descriptor: :taxon:id
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
      )
    )

[84] => Array
  (
    Name: Scientific name reference
    Descriptor: :taxon:reference
    Data type: :type:url
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:list
      )
    )

[85] => Array
  (
    Name: Scientific name synonyms references
    Descriptor: :taxon:synref

```

```

Data type: :type:string
Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:list
  )
)
[86] => Array
  (
    Name: Dataset
    Description: Name or code identifying the
dataset or catalogue that provided the information.
    Descriptor: :inventory:dataset
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
      )
    )
[87] => Array
  (
    Name: Dataset report
    Description: URL pointing to the report or
source of the dataset.
    Descriptor: :inventory:dataset:report
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
[88] => Array
  (
    Name: Dataset notes
    Description: Notes and/or description of the
data contained in the dataset.
    Descriptor: :inventory:dataset:notes
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
[89] => Array

```

```

(
  Name: Inventory code
  Description: Code identifying the inventory.
  Descriptor: :inventory:code
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[90] => Array
(
  Name: Inventory administrative unit
  Description: Administrative unit of the
inventory.

  Descriptor: :inventory:admin
  Data type: :type:enum
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[91] => Array
(
  Name: Institute
  Description: This attribute holds a reference
to the institute.

  Descriptor: :inventory:institute
  Data type: :type:ref:unit
)

[92] => Array
(
  Name: Breeding event
  Description: Information about the breeding of
the accession.

  Descriptor: :domain:accession:breeding
  Data type: :type:struct
  [children] => Array
    (
      [0] => Array
        (
          Name: Breeding event
          Description: This
attribute holds the unique identifier of the breeding event.
          Descriptor:
:breeding:identifier
        )
    )
)

```

```

Data type: :type:string
Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[1] => Array
    (
        Name: Breeders
        Description: List of
individuals and organisations which cooperated in the breeding.
        Descriptor:
        Data type: :type:struct
        Data format: Array
            (
                [0] =>
            )
        [children] => Array
            (
                [0] => Array
                    (
                        Name: Breeding institute
                        Description: The FAO/WIEWS code of the institute responsible of
breeding the accession.
                        Descriptor: mcpd:BREDCODE
                        Data type: :type:string
                        Data format: Array
                            (
                                [0] => :type:categorical
                                [1] => :type:full-text-06
                                [2] => :type:summary
                            )
                    )
            )
    )
)
[1] => Array
    (

```

Name: Breeding institute name

Descriptor: mcpd:BREDDDESCR

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:discrete  
    [1] => :type:full-text-03  
)
```

```
)
```

```
[2] => Array  
(
```

Name: Entity acronyms

Description: This attribute holds the list of acronyms used by the entity.

Descriptor: :entity:acronym

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:categorical  
    [1] => :type:list  
    [2] => :type:full-text-10  
)
```

```
)
```

```
[3] => Array  
(
```

Name: Entity internet addresses

Description: This attribute holds the entity list of internet addresses discriminated by type.

Descriptor: :entity:url

Data type: :type:typed-list

Data format: Array

```
(  
    [0] => :type:discrete  
)
```

)

```
[4] => Array  
(
```

Name: Authentication code

Description: This attribute holds a string which identifies the entity credentials used to authenticate with the service.

Descriptor: :connection:code

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:discrete  
    [1] => :type:private-search  
    [2] => :type:private-display  
)
```

)

```
[5] => Array  
(
```

Name: Authentication password

Description: This attribute holds a string which validates the entity credentials used to authenticate with the service.

Descriptor: :connection:pass

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:discrete  
    [1] => :type:private-search
```

```

    [2] => :type:private-display
)

)

[6] => Array
(

Name: Entity first name

Description: This attribute holds a string representing the
first name of the entity.

Descriptor: :entity:fname

Data type: :type:string

Data format: Array

(
    [0] => :type:discrete
    [1] => :type:full-text-06
)

)

[7] => Array
(

Name: Entity last name

Description: This attribute holds a string representing the
last name of the entity.

Descriptor: :entity:lname

Data type: :type:string

Data format: Array

(
    [0] => :type:discrete
    [1] => :type:full-text-10
)

)

[8] => Array

```

Name: Name

Description: This attribute holds a string representing the name of the object. This is generally the way humans refer to the object and it is not related to a specific language.

Descriptor: :name

Data type: :type:string

Data format: Array

(

[0] => :type:discrete

[1] => :type:full-text-06

)

)

[9] => Array

(

Name: Entity identifier

Description: This attribute holds a string representing the identification code of the entity.

Descriptor: :entity:identifier

Data type: :type:string

Data format: Array

(

[0] => :type:discrete

[1] => :type:full-text-10

)

)

[10] => Array

(

Name: Entity type

Description: This attribute holds an enumerated set describing the various types of the holding entity.

Descriptor: :type:entity

Data type: :type:enum-set

Data format: Array

```
(  
    [0] => :type:categorical  
    [1] => :type:full-text-03  
    [2] => :type:summary  
)
```

)

```
[11] => Array  
(
```

Name: Entity kind

Description: This attribute holds an enumerated set describing the various kinds of the holding entity.

Descriptor: :kind:entity

Data type: :type:enum-set

Data format: Array

```
(  
    [0] => :type:categorical  
    [1] => :type:full-text-03  
    [2] => :type:summary  
)
```

)

```
[12] => Array  
(
```

Name: Entity mailing addresses

Description: This attribute holds the entity list of mailing addresses discriminated by type.

Descriptor: :entity:mail

Data type: :type:typed-list

Data format: Array

```
(  
    [0] => :type:discrete  
)
```

)

```
[13] => Array  
(
```

Name: Entity electronic mail addresses

Description: This attribute holds the entity list of e-mail addresses discriminated by type.

Descriptor: :entity:email

Data type: :type:typed-list

Data format: Array

```
(  
    [0] => :type:discrete  
)
```

)

```
[14] => Array  
(
```

Name: Entity telephone numbers

Description: This attribute holds the entity list of telephone numbers discriminated by type.

Descriptor: :entity:phone

Data type: :type:typed-list

Data format: Array

```
(  
    [0] => :type:discrete  
)
```

)

```
[15] => Array
```

```

(
    Name: Entity telefax numbers
    Description: This attribute holds the entity list of telefax
numbers discriminated by type.
    Descriptor: :entity:fax
    Data type: :type:typed-list
    Data format: Array
    (
        [0] => :type:discrete
    )
)

[16] => Array
(
    Name: Entity telex
    Description: This attribute holds the entity list of telex
codes discriminated by type.
    Descriptor: :entity:tlx
    Data type: :type:typed-list
    Data format: Array
    (
        [0] => :type:discrete
    )
)

[17] => Array
(
    Name: Affiliation
    Description: This attribute holds the list of entities to which
the current object is affiliated, discriminated by type.
    Descriptor: :entity:affiliation
    Data type: :type:typed-list
    Data format: Array

```

```
(  
    [0] => :type:discrete  
)
```

```
)
```

```
[18] => Array  
(
```

Name: Entity nationality

Description: This attribute holds the nationality of the entity, this is expressed as an ISO country code.

Descriptor: :entity:nationality

Data type: :type:enum

Data format: Array

```
(  
    [0] => :type:categorical  
    [1] => :type:full-text-03  
    [2] => :type:summary  
)
```

```
)
```

```
[19] => Array  
(
```

Name: Valid entity

Description: This attribute holds the reference to the valid, current or preferred entity. This is used to keep track of historical entity records when these entities become obsolete or defunct.

Descriptor: :entity:valid

Data type: :type:ref:self

Data format: Array

```
(  
    [0] => :type:discrete  
)
```

```

)
[20] => Array
(
Name: Institute
Description: This attribute holds a reference to the institute.
Descriptor: :inventory:institute
Data type: :type:ref:unit
)
)
)
[2] => Array
(
Name: Breeding event
Descriptor:
Data type: :type:text
Data format: Array
(
[0] =>
[1] =>
)
)
)
[3] => Array
(
Name: Environment
Description:
Descriptor: :environment
Data type: :type:struct
[children] => Array
(
[0] => Array
(
Name: Global Environment Stratification
Description: Global Environment Stratification code.
Descriptor: gens
Data type: :type:string
Data format: Array

```

```

(
  [0] => :type:categorical
  [1] => :type:list
)

)

[1] => Array
(

Name: Climatic zone
Descriptor: gens:clim
Data type: :type:enum-set
Data format: Array
(
  [0] => :type:categorical
  [1] => :type:full-text-03
  [2] => :type:summary
)

)

[2] => Array
(

Name: Environmental zone
Descriptor: gens:zone
Data type: :type:enum-set
Data format: Array
(
  [0] => :type:categorical
  [1] => :type:full-text-03
  [2] => :type:summary
)

)

```

```
[3] => Array  
(
```

```
Name: Global land cover type  
Descriptor: globcov  
Data type: :type:enum-set  
Data format: Array  
(  
  [0] => :type:categorical  
  [1] => :type:full-text-03  
  [2] => :type:summary  
)
```

```
)
```

```
[4] => Array  
(
```

```
Name: Harmonised world soil type  
Descriptor: hwsd  
Data type: :type:enum-set  
Data format: Array  
(  
  [0] => :type:categorical  
  [1] => :type:full-text-03  
  [2] => :type:summary  
)
```

```
)
```

```
[5] => Array  
(
```

```
Name: Monthly precipitation  
Description: Monthly precipitation of location.  
Descriptor: :environment:precipitation
```

```

Data type: :type:struct
[children] => Array
(
  [0] => Array
    (
      Name: January minimum precipitation
      Description: Location January minimum
precipitation.
      Descriptor: :environment:precipitation:01-min
      Data type: :type:int
      Data format: Array
        (
          [0] => :type:quantitative
        )
    )
  [1] => Array
    (
      Name: January mean precipitation
      Description: Location January mean
precipitation.
      Descriptor: :environment:precipitation:01-mean
      Data type: :type:int
      Data format: Array
        (
          [0] => :type:quantitative
        )
    )
)

```



```
[2] => Array
(
  Name: January maximum precipitation
  Description: Location January maximum
precipitation.
  Descriptor: :environment:precipitation:01-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[3] => Array
(
  Name: February minimum precipitation
  Description: Location February minimum
precipitation.
  Descriptor: :environment:precipitation:02-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[4] => Array
(
  Name: February mean precipitation
```

```
precipitation.      Description: Location February mean

                    Descriptor: :environment:precipitation:02-mean
                    Data type: :type:int
                    Data format: Array
                    (
                      [0] => :type:quantitative
                    )
                )
```

```
[5] => Array
```

```
(
  Name: February maximum precipitation
  Description: Location February maximum
precipitation.
  Descriptor: :environment:precipitation:02-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[6] => Array
```

```
(
  Name: March minimum precipitation
  Description: Location March minimum
precipitation.
  Descriptor: :environment:precipitation:03-min
```

```

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)

[7] => Array
(
    Name: March mean precipitation
    Description: Location March mean precipitation.
    Descriptor: :environment:precipitation:03-mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[8] => Array
(
    Name: March maximum precipitation
    Description: Location March maximum
precipitation.
    Descriptor: :environment:precipitation:03-max
    Data type: :type:int
    Data format: Array
    (

```

```

                                [0] => :type:quantitative
                                )
                                )

[9] => Array
    (
        Name: April minimum precipitation
        Description: Location April minimum
precipitation.
        Descriptor: :environment:precipitation:04-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[10] => Array
    (
        Name: April mean precipitation
        Description: Location April mean precipitation.
        Descriptor: :environment:precipitation:04-mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```
[11] => Array
      (
        Name: April maximum precipitation
        Description: Location April maximum
precipitation.
        Descriptor: :environment:precipitation:04-max
        Data type: :type:int
        Data format: Array
          (
            [0] => :type:quantitative
          )
        )
      )
```

```
[12] => Array
      (
        Name: May minimum precipitation
        Description: Location May minimum
precipitation.
        Descriptor: :environment:precipitation:05-min
        Data type: :type:int
        Data format: Array
          (
            [0] => :type:quantitative
          )
        )
      )
```

```
[13] => Array
      (
```

```
Name: May mean precipitation
Description: Location May mean precipitation.
Descriptor: :environment:precipitation:05-mean
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

[14] => Array

```
(
  Name: May maximum precipitation
  Description: Location May maximum
precipitation.
  Descriptor: :environment:precipitation:05-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

[15] => Array

```
(
  Name: June minimum precipitation
  Description: Location June minimum
precipitation.
  Descriptor: :environment:precipitation:06-min
```

```

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)

[16] => Array
(
    Name: June mean precipitation
    Description: Location June mean precipitation.
    Descriptor: :environment:precipitation:06-mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[17] => Array
(
    Name: June maximum precipitation
    Description: Location June maximum
precipitation.
    Descriptor: :environment:precipitation:06-max
    Data type: :type:int
    Data format: Array
    (

```

```

                                [0] => :type:quantitative
                                )
                                )

[18] => Array
    (
        Name: July minimum precipitation
        Description: Location July minimum
precipitation.
        Descriptor: :environment:precipitation:07-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[19] => Array
    (
        Name: July mean precipitation
        Description: Location July mean precipitation.
        Descriptor: :environment:precipitation:07-mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```



```
[20] => Array
(
  Name: July maximum precipitation
  Description: Location July maximum
precipitation.
  Descriptor: :environment:precipitation:07-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[21] => Array
(
  Name: August minimum precipitation
  Description: Location August minimum
precipitation.
  Descriptor: :environment:precipitation:08-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[22] => Array
(
```

```
precipitation.
Name: August mean precipitation
Description: Location August mean
Descriptor: :environment:precipitation:08-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
```

```
[23] => Array
```

```
(
    Name: August maximum precipitation
    Description: Location August maximum
    Descriptor: :environment:precipitation:08-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

```
[24] => Array
```

```
(
    Name: September minimum precipitation
    Description: Location September minimum
    Descriptor: :environment:precipitation:09-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

```
precipitation.
```

```

Descriptor: :environment:precipitation:09-min
Data type: :type:int
Data format: Array
    (
        [0] => :type:quantitative
    )
)

[25] => Array
    (
        Name: September mean precipitation
        Description: Location September mean
precipitation.
        Descriptor: :environment:precipitation:09-mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )

[26] => Array
    (
        Name: September maximum precipitation
        Description: Location September maximum
precipitation.
        Descriptor: :environment:precipitation:09-max
        Data type: :type:int
        Data format: Array

```

```

(
    [0] => :type:quantitative
)
)

[27] => Array
(
    Name: October minimum precipitation
    Description: Location October minimum
precipitation.

    Descriptor: :environment:precipitation:10-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[28] => Array
(
    Name: October mean precipitation
    Description: Location October mean
precipitation.

    Descriptor: :environment:precipitation:10-mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```

    )

[29] => Array
    (
        Name: October maximum precipitation
        Description: Location October maximum
precipitation.
        Descriptor: :environment:precipitation:10-max
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[30] => Array
    (
        Name: November minimum precipitation
        Description: Location November minimum
precipitation.
        Descriptor: :environment:precipitation:11-min
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[31] => Array

```

```
(
  Name: November mean precipitation
  Description: Location November mean
precipitation.
  Descriptor: :environment:precipitation:11-mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

[32] => Array

```
(
  Name: November maximum precipitation
  Description: Location November maximum
precipitation.
  Descriptor: :environment:precipitation:11-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

[33] => Array

```
(
  Name: December minimum precipitation
```

```
precipitation.      Description: Location December minimum

                    Descriptor: :environment:precipitation:12-min
                    Data type: :type:int
                    Data format: Array
                    (
                      [0] => :type:quantitative
                    )
                )
```

```
[34] => Array
```

```
(
  Name: December mean precipitation
  Description: Location December mean
precipitation.
  Descriptor: :environment:precipitation:12-mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[35] => Array
```

```
(
  Name: December maximum precipitation
  Description: Location December maximum
precipitation.
  Descriptor: :environment:precipitation:12-max
```

```

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
)
)
[6] => Array
(

```

Name: Monthly temperature

Description: Monthly temperature of location.

Descriptor: :environment:temperature

Data type: :type:struct

[children] => Array

```

(
    [0] => Array

```

```

(

```

Name: January minimum temperature (minimum)

Description: Location January minimum temperature (minimum).

Descriptor: :environment:temperature:01-min-min

Data type: :type:int

Data format: Array

```

(

```

```

    [0] => :type:quantitative

```

```

)

```



```
)  
  
[1] => Array  
  
(  
    Name: January minimum temperature (mean)  
    Description: Location January minimum  
temperature (mean).  
    Descriptor: :environment:temperature:01-min-  
mean  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[2] => Array  
  
(  
    Name: January minimum temperature (maximum)  
    Description: Location January minimum  
temperature (maximum).  
    Descriptor: :environment:temperature:01-min-max  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[3] => Array
```

```
(
    Name: January mean temperature (minimum)
    Description: Location January mean temperature
(minimum).
    Descriptor: :environment:temperature:01-mean-
min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[4] => Array

```
(
    Name: January mean temperature (mean)
    Description: Location January mean temperature
(mean).
    Descriptor: :environment:temperature:01-mean-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[5] => Array

```
(
    Name: January mean temperature (maximum)
```

```

(maximum).
Description: Location January mean temperature

Descriptor: :environment:temperature:01-mean-
max

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[6] => Array
(
    Name: January maximum temperature (minimum)
    Description: Location January maximum
temperature (minimum).
    Descriptor: :environment:temperature:01-max-min
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)

)

[7] => Array
(
    Name: January maximum temperature (mean)
    Description: Location January maximum
temperature (mean).

```

```

mean
    Descriptor: :environment:temperature:01-max-
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
[8] => Array
    (
        Name: January maximum temperature (maximum)
        Description: Location January maximum
temperature (maximum).
        Descriptor: :environment:temperature:01-max-max
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )
[9] => Array
    (
        Name: February minimum temperature (minimum)
        Description: Location February minimum
temperature (minimum).
        Descriptor: :environment:temperature:02-min-min
        Data type: :type:int

```

```

Data format: Array
    (
        [0] => :type:quantitative
    )
)

[10] => Array
    (
        Name: February minimum temperature (mean)
        Description: Location February minimum
temperature (mean).
        Descriptor: :environment:temperature:02-min-
mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[11] => Array
    (
        Name: February minimum temperature (maximum)
        Description: Location February minimum
temperature (maximum).
        Descriptor: :environment:temperature:02-min-max
        Data type: :type:int
        Data format: Array
            (

```

```

[0] => :type:quantitative
)
)
[12] => Array
(
  Name: February mean temperature (minimum)
  Description: Location February mean temperature
(minimum).
  Descriptor: :environment:temperature:02-mean-
min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
[13] => Array
(
  Name: February mean temperature (mean)
  Description: Location February mean temperature
(mean).
  Descriptor: :environment:temperature:02-mean-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```

    )

[14] => Array
    (
        Name: February mean temperature (maximum)
        Description: Location February mean temperature
(maximum).
        Descriptor: :environment:temperature:02-mean-
max
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[15] => Array
    (
        Name: February maximum temperature (minimum)
        Description: Location February maximum
temperature (minimum).
        Descriptor: :environment:temperature:02-max-min
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

```

```

[16] => Array
(
    Name: February maximum temperature (mean)
    Description: Location February maximum
temperature (mean).
    Descriptor: :environment:temperature:02-max-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```

[17] => Array
(
    Name: February maximum temperature (maximum)
    Description: Location February maximum
temperature (maximum).
    Descriptor: :environment:temperature:02-max-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```

[18] => Array
(

```



```
(minimum).  
Name: March minimum temperature (minimum)  
Description: Location March minimum temperature  
Descriptor: :environment:temperature:03-min-min  
Data type: :type:int  
Data format: Array  
(  
    [0] => :type:quantitative  
)  
)
```

```
[19] => Array
```

```
(  
    Name: March minimum temperature (mean)  
    Description: Location March minimum temperature  
    Descriptor: :environment:temperature:03-min-  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[20] => Array
```

```
(  
    Name: March minimum temperature (maximum)  
    Description: Location March minimum temperature  
(maximum).  
)
```

Descriptor: :environment:temperature:03-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[21] => Array

```
(  
  Name: March mean temperature (minimum)  
  Description: Location March mean temperature  
(minimum).  
  Descriptor: :environment:temperature:03-mean-  
min  
  Data type: :type:int  
  Data format: Array  
  (  
    [0] => :type:quantitative  
  )  
)
```

[22] => Array

```
(  
  Name: March mean temperature (mean)  
  Description: Location March mean temperature  
(mean).  
  Descriptor: :environment:temperature:03-mean-  
mean  
  Data type: :type:int
```

```

Data format: Array
    (
        [0] => :type:quantitative
    )
)

[23] => Array
    (
        Name: March mean temperature (maximum)
        Description: Location March mean temperature
(maximum).
        Descriptor: :environment:temperature:03-mean-
max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[24] => Array
    (
        Name: March maximum temperature (minimum)
        Description: Location March maximum temperature
(minimum).
        Descriptor: :environment:temperature:03-max-min
        Data type: :type:int
        Data format: Array
            (

```

```

[0] => :type:quantitative
)
)
[25] => Array
(
  Name: March maximum temperature (mean)
  Description: Location March maximum temperature
(mean) .
  Descriptor: :environment:temperature:03-max-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
[26] => Array
(
  Name: March maximum temperature (maximum)
  Description: Location March maximum temperature
(maximum) .
  Descriptor: :environment:temperature:03-max-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```
)  
  
[27] => Array  
  
(  
    Name: April minimum temperature (minimum)  
    Description: Location April minimum temperature  
(minimum).  
    Descriptor: :environment:temperature:04-min-min  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[28] => Array  
  
(  
    Name: April minimum temperature (mean)  
    Description: Location April minimum temperature  
(mean).  
    Descriptor: :environment:temperature:04-min-  
mean  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[29] => Array
```

```
(
    Name: April minimum temperature (maximum)
    Description: Location April minimum temperature
(maximum).
    Descriptor: :environment:temperature:04-min-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[30] => Array

```
(
    Name: April mean temperature (minimum)
    Description: Location April mean temperature
(minimum).
    Descriptor: :environment:temperature:04-mean-
min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[31] => Array

```
(
    Name: April mean temperature (mean)
```

```
(mean).
Description: Location April mean temperature

Descriptor: :environment:temperature:04-mean-
mean

Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[32] => Array
```

```
(
  Name: April mean temperature (maximum)
  Description: Location April mean temperature
(maximum).
Descriptor: :environment:temperature:04-mean-
max

Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[33] => Array
```

```
(
  Name: April maximum temperature (minimum)
  Description: Location April maximum temperature
(minimum).
```

Descriptor: :environment:temperature:04-max-min

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[34] => Array

```
(  
    Name: April maximum temperature (mean)  
    Description: Location April maximum temperature  
(mean) .
```

mean

Descriptor: :environment:temperature:04-max-

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[35] => Array

```
(  
    Name: April maximum temperature (maximum)  
    Description: Location April maximum temperature  
(maximum) .
```

Descriptor: :environment:temperature:04-max-max

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[36] => Array

```
(  
    Name: May minimum temperature (minimum)  
    Description: Location May minimum temperature  
(minimum).  
    Descriptor: :environment:temperature:05-min-min  
    Data type: :type:int
```

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[37] => Array

```
(  
    Name: May minimum temperature (mean)  
    Description: Location May minimum temperature  
(mean).  
    Descriptor: :environment:temperature:05-min-  
mean  
    Data type: :type:int
```

Data format: Array

```
(
```

```

                                [0] => :type:quantitative
                                )
                                )
[38] => Array
    (
        Name: May minimum temperature (maximum)
        Description: Location May minimum temperature
(maximum) .
        Descriptor: :environment:temperature:05-min-max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )
[39] => Array
    (
        Name: May mean temperature (minimum)
        Description: Location May mean temperature
(minimum) .
        Descriptor: :environment:temperature:05-mean-
min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```

    )

[40] => Array
    (
        Name: May mean temperature (mean)
        Description: Location May mean temperature
(mean) .
        Descriptor: :environment:temperature:05-mean-
mean
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[41] => Array
    (
        Name: May mean temperature (maximum)
        Description: Location May mean temperature
(maximum) .
        Descriptor: :environment:temperature:05-mean-
max
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

```

```
[42] => Array
(
  Name: May maximum temperature (minimum)
  Description: Location May maximum temperature
(minimum) .
  Descriptor: :environment:temperature:05-max-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[43] => Array
(
  Name: May maximum temperature (mean)
  Description: Location May maximum temperature
(mean) .
mean
  Descriptor: :environment:temperature:05-max-
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[44] => Array
(
```

```
(maximum).  
  
Name: May maximum temperature (maximum)  
Description: Location May maximum temperature  
Descriptor: :environment:temperature:05-max-max  
Data type: :type:int  
Data format: Array  
  
  (  
    [0] => :type:quantitative  
  )  
  
)
```

```
[45] => Array
```

```
(  
  
  Name: June minimum temperature (minimum)  
  Description: Location June minimum temperature  
(minimum).  
  Descriptor: :environment:temperature:06-min-min  
  Data type: :type:int  
  Data format: Array  
  
  (  
    [0] => :type:quantitative  
  )  
  
)
```

```
[46] => Array
```

```
(  
  
  Name: June minimum temperature (mean)  
  Description: Location June minimum temperature  
(mean).  
  
)
```

```

mean
Descriptor: :environment:temperature:06-min-

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[47] => Array
(
    Name: June minimum temperature (maximum)
    Description: Location June minimum temperature
(maximum).
    Descriptor: :environment:temperature:06-min-max
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)

)

[48] => Array
(
    Name: June mean temperature (minimum)
    Description: Location June mean temperature
(minimum).
    Descriptor: :environment:temperature:06-mean-
min
    Data type: :type:int

```

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[49] => Array

```
(  
    Name: June mean temperature (mean)  
    Description: Location June mean temperature  
(mean).  
    Descriptor: :environment:temperature:06-mean-  
mean
```

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[50] => Array

```
(  
    Name: June mean temperature (maximum)  
    Description: Location June mean temperature  
(maximum).  
    Descriptor: :environment:temperature:06-mean-  
max
```

Data type: :type:int

Data format: Array

```
(
```

```

[0] => :type:quantitative
)
)
[51] => Array
(
  Name: June maximum temperature (minimum)
  Description: Location June maximum temperature
(minimum).
  Descriptor: :environment:temperature:06-max-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
[52] => Array
(
  Name: June maximum temperature (mean)
  Description: Location June maximum temperature
(mean).
  Descriptor: :environment:temperature:06-max-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```



```
)  
  
[53] => Array  
  
(  
    Name: June maximum temperature (maximum)  
    Description: Location June maximum temperature  
(maximum).  
    Descriptor: :environment:temperature:06-max-max  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[54] => Array  
  
(  
    Name: July minimum temperature (minimum)  
    Description: Location July minimum temperature  
(minimum).  
    Descriptor: :environment:temperature:07-min-min  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[55] => Array
```

```
(
    Name: July minimum temperature (mean)
    Description: Location July minimum temperature
(mean).
    Descriptor: :environment:temperature:07-min-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

```
[56] => Array
```

```
(
    Name: July minimum temperature (maximum)
    Description: Location July minimum temperature
(maximum).
    Descriptor: :environment:temperature:07-min-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

```
[57] => Array
```

```
(
    Name: July mean temperature (minimum)
```

```
(minimum).
Description: Location July mean temperature
min
Descriptor: :environment:temperature:07-mean-
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[58] => Array
```

```
(
  Name: July mean temperature (mean)
  Description: Location July mean temperature
(mean).
Descriptor: :environment:temperature:07-mean-
mean
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[59] => Array
```

```
(
  Name: July mean temperature (maximum)
  Description: Location July mean temperature
(maximum).
```

```

max
Descriptor: :environment:temperature:07-mean-

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[60] => Array
(
    Name: July maximum temperature (minimum)
    Description: Location July maximum temperature
(minimum) .
    Descriptor: :environment:temperature:07-max-min
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)

)

[61] => Array
(
    Name: July maximum temperature (mean)
    Description: Location July maximum temperature
(mean) .
    Descriptor: :environment:temperature:07-max-
mean
    Data type: :type:int

```

```

Data format: Array
    (
        [0] => :type:quantitative
    )
)

[62] => Array
    (
        Name: July maximum temperature (maximum)
        Description: Location July maximum temperature
(maximum).
        Descriptor: :environment:temperature:07-max-max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )

[63] => Array
    (
        Name: August minimum temperature (minimum)
        Description: Location August minimum
temperature (minimum).
        Descriptor: :environment:temperature:08-min-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```

    )
)
[64] => Array
(
    Name: August minimum temperature (mean)
    Description: Location August minimum
temperature (mean).
    Descriptor: :environment:temperature:08-min-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```

[65] => Array
(
    Name: August minimum temperature (maximum)
    Description: Location August minimum
temperature (maximum).
    Descriptor: :environment:temperature:08-min-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```
[66] => Array
(
  Name: August mean temperature (minimum)
  Description: Location August mean temperature
(minimum) .
  Descriptor: :environment:temperature:08-mean-
min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[67] => Array
(
  Name: August mean temperature (mean)
  Description: Location August mean temperature
(mean) .
  Descriptor: :environment:temperature:08-mean-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[68] => Array
```

```
(
    Name: August mean temperature (maximum)
    Description: Location August mean temperature
(maximum) .
    Descriptor: :environment:temperature:08-mean-
max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
    [0] => :type:quantitative
)
```

```
)
```

```
[69] => Array
```

```
(
    Name: August maximum temperature (minimum)
    Description: Location August maximum
temperature (minimum) .
    Descriptor: :environment:temperature:08-max-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
    [0] => :type:quantitative
)
```

```
)
```

```
[70] => Array
```

```
(
    Name: August maximum temperature (mean)
```



```

temperature (mean).
Description: Location August maximum
mean
Descriptor: :environment:temperature:08-max-
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
[71] => Array
(
    Name: August maximum temperature (maximum)
    Description: Location August maximum
temperature (maximum).
Descriptor: :environment:temperature:08-max-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
[72] => Array
(
    Name: September minimum temperature (minimum)
    Description: Location September minimum
temperature (minimum).
Descriptor: :environment:temperature:09-min-min

```

```

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)

[73] => Array
(
    Name: September minimum temperature (mean)
    Description: Location September minimum
temperature (mean).
    Descriptor: :environment:temperature:09-min-
mean
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)
)

[74] => Array
(
    Name: September minimum temperature (maximum)
    Description: Location September minimum
temperature (maximum).
    Descriptor: :environment:temperature:09-min-max
    Data type: :type:int
    Data format: Array

```

```

(
    [0] => :type:quantitative
)
)

[75] => Array
(
    Name: September mean temperature (minimum)
    Description: Location September mean
temperature (minimum).
    Descriptor: :environment:temperature:09-mean-
min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[76] => Array
(
    Name: September mean temperature (mean)
    Description: Location September mean
temperature (mean).
    Descriptor: :environment:temperature:09-mean-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative

```

```

    )
)
[77] => Array
(
    Name: September mean temperature (maximum)
    Description: Location September mean
temperature (maximum).
    Descriptor: :environment:temperature:09-mean-
max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```

[78] => Array
(
    Name: September maximum temperature (minimum)
    Description: Location September maximum
temperature (minimum).
    Descriptor: :environment:temperature:09-max-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```
[79] => Array
(
  Name: September maximum temperature (mean)
  Description: Location September maximum
temperature (mean).
  Descriptor: :environment:temperature:09-max-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[80] => Array
(
  Name: September maximum temperature (maximum)
  Description: Location September maximum
temperature (maximum).
  Descriptor: :environment:temperature:09-max-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[81] => Array
(
```

```
Name: October minimum temperature (minimum)
Description: Location October minimum
temperature (minimum).
Descriptor: :environment:temperature:10-min-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
```

```
)
```

```
[82] => Array
```

```
(
    Name: October minimum temperature (mean)
    Description: Location October minimum
    temperature (mean).
    Descriptor: :environment:temperature:10-min-
    mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

```
[83] => Array
```

```
(
    Name: October minimum temperature (maximum)
    Description: Location October minimum
    temperature (maximum).
```

Descriptor: :environment:temperature:10-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[84] => Array

```
(  
  Name: October mean temperature (minimum)  
  Description: Location October mean temperature  
(minimum).  
  Descriptor: :environment:temperature:10-mean-  
min  
  Data type: :type:int  
  Data format: Array  
  (  
    [0] => :type:quantitative  
  )  
)
```

[85] => Array

```
(  
  Name: October mean temperature (mean)  
  Description: Location October mean temperature  
(mean).  
  Descriptor: :environment:temperature:10-mean-  
mean  
  Data type: :type:int
```

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[86] => Array

```
(  
    Name: October mean temperature (maximum)  
    Description: Location October mean temperature  
(maximum).  
    Descriptor: :environment:temperature:10-mean-  
max
```

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[87] => Array

```
(  
    Name: October maximum temperature (minimum)  
    Description: Location October maximum  
temperature (minimum).  
    Descriptor: :environment:temperature:10-max-min
```

Data type: :type:int

Data format: Array

```
(
```



```

[0] => :type:quantitative
)
)
[88] => Array
(
Name: October maximum temperature (mean)
Description: Location October maximum
temperature (mean).
Descriptor: :environment:temperature:10-max-
mean

```

```

Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

```

```

[89] => Array
(
Name: October maximum temperature (maximum)
Description: Location October maximum
temperature (maximum).
Descriptor: :environment:temperature:10-max-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

```

```
)  
  
[90] => Array  
  
(  
    Name: November minimum temperature (minimum)  
    Description: Location November minimum  
temperature (minimum).  
    Descriptor: :environment:temperature:11-min-min  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[91] => Array  
  
(  
    Name: November minimum temperature (mean)  
    Description: Location November minimum  
temperature (mean).  
    Descriptor: :environment:temperature:11-min-  
mean  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[92] => Array
```

```

(
    Name: November minimum temperature (maximum)
    Description: Location November minimum
temperature (maximum).
    Descriptor: :environment:temperature:11-min-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

[93] => Array

```

(
    Name: November mean temperature (minimum)
    Description: Location November mean temperature
(minimum).
    Descriptor: :environment:temperature:11-mean-
min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

[94] => Array

```

(
    Name: November mean temperature (mean)

```

```
(mean).
Description: Location November mean temperature

Descriptor: :environment:temperature:11-mean-
mean

Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[95] => Array
```

```
(
  Name: November mean temperature (maximum)
  Description: Location November mean temperature
(maximum).
Descriptor: :environment:temperature:11-mean-
max

Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[96] => Array
```

```
(
  Name: November maximum temperature (minimum)
  Description: Location November maximum
temperature (minimum).
```

Descriptor: :environment:temperature:11-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[97] => Array

```
(  
  Name: November maximum temperature (mean)  
  Description: Location November maximum  
temperature (mean).  
  Descriptor: :environment:temperature:11-max-  
mean
```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[98] => Array

```
(  
  Name: November maximum temperature (maximum)  
  Description: Location November maximum  
temperature (maximum).  
  Descriptor: :environment:temperature:11-max-max  
  Data type: :type:int
```

```

Data format: Array
    (
        [0] => :type:quantitative
    )
)

[99] => Array
    (
        Name: December minimum temperature (minimum)
        Description: Location December minimum
temperature (minimum).
        Descriptor: :environment:temperature:12-min-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[100] => Array
    (
        Name: December minimum temperature (mean)
        Description: Location December minimum
temperature (mean).
        Descriptor: :environment:temperature:12-min-
mean
        Data type: :type:int
        Data format: Array
            (

```

```

                                [0] => :type:quantitative
                                )
                                )

[101] => Array
(
    Name: December minimum temperature (maximum)
    Description: Location December minimum
temperature (maximum).
    Descriptor: :environment:temperature:12-min-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[102] => Array
(
    Name: December mean temperature (minimum)
    Description: Location December mean temperature
(minimum).
    Descriptor: :environment:temperature:12-mean-
min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```

    )

[103] => Array
    (
        Name: December mean temperature (mean)
        Description: Location December mean temperature
(mean) .
        Descriptor: :environment:temperature:12-mean-
mean
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[104] => Array
    (
        Name: December mean temperature (maximum)
        Description: Location December mean temperature
(maximum) .
        Descriptor: :environment:temperature:12-mean-
max
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

```



```
[105] => Array
(
  Name: December maximum temperature (minimum)
  Description: Location December maximum
temperature (minimum).
  Descriptor: :environment:temperature:12-max-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[106] => Array
(
  Name: December maximum temperature (mean)
  Description: Location December maximum
temperature (mean).
  Descriptor: :environment:temperature:12-max-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[107] => Array
(
```

```

Name: December maximum temperature (maximum)
Description: Location December maximum
temperature (maximum).
Descriptor: :environment:temperature:12-max-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
)

```

```

)
[7] => Array
(

```

```

Name: Bioclimatic variables
Description: Bioclimatic values of location.
Descriptor: :environment:bio
Data type: :type:struct
[children] => Array
(
    [0] => Array

```

```

(
    Name: Annual Mean Temperature
    Description: Annual mean temperature (C°).
    Descriptor: :environment:bio:01
    Data type: :type:int
    Data format: Array
    (

```

```

                                [0] => :type:quantitative
                                )
                                )

[1] => Array
    (
        Name: Mean Diurnal Range
        Description: Mean diurnal range: mean of
monthly (max temp - min temp) (C°).
        Descriptor: :environment:bio:02
        Data type: :type:int
        Data format: Array
        (
                                [0] => :type:quantitative
                                )
        )
    )

[2] => Array
    (
        Name: Isothermality
        Description: Isothermality ((Mean Diurnal Range
/ Temperature Annual Range) × 100).
        Descriptor: :environment:bio:03
        Data type: :type:int
        Data format: Array
        (
                                [0] => :type:quantitative
                                )
        )
    )

```

```
)  
  
[3] => Array  
  
(  
  
    Name: Temperature Seasonality  
    Description: Temperature seasonality (standard  
deviation × 100).  
  
    Descriptor: :environment:bio:04  
  
    Data type: :type:int  
  
    Data format: Array  
  
    (  
  
        [0] => :type:quantitative  
  
    )  
  
)
```

```
[4] => Array  
  
(  
  
    Name: Maximum Temperature of Warmest Month  
    Description: Maximum temperature of warmest  
month (C°).  
  
    Descriptor: :environment:bio:05  
  
    Data type: :type:int  
  
    Data format: Array  
  
    (  
  
        [0] => :type:quantitative  
  
    )  
  
)
```

```
[5] => Array
```

```
(
    Name: Minimum Temperature of Coldest Month
    Description: Minimum temperature of coldest
month (C°).
```

```
Descriptor: :environment:bio:06
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
```

```
[0] => :type:quantitative
```

```
)
```

```
)
```

```
[6] => Array
```

```
(
```

```
Name: Temperature Annual Range
```

```
Description: Temperature annual range (Maximum
Temperature of Warmest Month - Minimum Temperature of Coldest Month).
```

```
Descriptor: :environment:bio:07
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
```

```
[0] => :type:quantitative
```

```
)
```

```
)
```

```
[7] => Array
```

```
(
```

```
Name: Mean Temperature of Wettest Quarter
```

quarter (C°). Description: Mean temperature of wettest

Descriptor: :environment:bio:08

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[8] => Array

(

Name: Mean Temperature of Driest Quarter

Description: Mean temperature of driest quarter (C°).

Descriptor: :environment:bio:09

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[9] => Array

(

Name: Mean Temperature of Warmest Quarter

Description: Mean temperature of warmest quarter (C°).

Descriptor: :environment:bio:10

```

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)

[10] => Array
(
    Name: Mean Temperature of Coldest Quarter
    Description: Mean temperature of coldest
quarter (C°).
    Descriptor: :environment:bio:11
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)
)

[11] => Array
(
    Name: Annual Precipitation
    Descriptor: :environment:bio:12
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative

```

```

        )
    )
[12] => Array
    (
        Name: Precipitation of Wettest Month
        Descriptor: :environment:bio:13
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )
[13] => Array
    (
        Name: Precipitation of Driest Month
        Descriptor: :environment:bio:14
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )
[14] => Array
    (
        Name: Precipitation Seasonality

```


Description: Precipitation seasonality
(Coefficient of Variation).

Descriptor: :environment:bio:15

Data type: :type:float

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[15] => Array

```
(  
  Name: Precipitation of Wettest Quarter  
  Descriptor: :environment:bio:16  
  Data type: :type:int  
  Data format: Array  
  (  
    [0] => :type:quantitative  
  )  
)
```

[16] => Array

```
(  
  Name: Precipitation of Driest Quarter  
  Descriptor: :environment:bio:17  
  Data type: :type:int  
  Data format: Array  
  (  
    [0] => :type:quantitative  
  )  
)
```

```

                                [0] => :type:quantitative
                                )
                                )
[17] => Array
    (
        Name: Precipitation of Warmest Quarter
        Descriptor: :environment:bio:18
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )
    )
[18] => Array
    (
        Name: Precipitation of Coldest Quarter
        Descriptor: :environment:bio:19
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )
    )
)
)
)

```

```
[8] => Array  
(
```

```
Name: Source of environmental data
```

```
Description: Information and reference to the source of the  
environmental data.
```

```
Descriptor: :environment:source
```

```
Data type: :type:string
```

```
Data format: Array
```

```
(  
  [0] => :type:discrete  
  [1] => :type:full-text-03  
)
```

```
)
```

```
[9] => Array  
(
```

```
Name: Environment tiles
```

```
Description: Number of tiles used in environmental data.
```

```
Descriptor: :environment:tiles
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[10] => Array  
(
```

```
Name: Environment minimum elevation
```

```
Description: Minimum elevation of environmental data in meters  
above sea level.
```

```
Descriptor: :environment:elevation-min
```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[11] => Array  
(
```

Name: Environment mean elevation

Description: Mean elevation of environmental data in meters above sea level.

Descriptor: :environment:elevation-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[12] => Array  
(
```

Name: Environment maximum elevation

Description: Maximum elevation of environmental data in meters above sea level.

Descriptor: :environment:elevation-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[13] => Array  
(
```

```
Name: Environment minimum distance
```

```
Description: Minimum distance of environmental data in meters.
```

```
Descriptor: :environment:distance-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[14] => Array  
(
```

```
Name: Environment mean distance
```

```
Description: Mean distance of environmental data in meters.
```

```
Descriptor: :environment:distance-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[15] => Array  
(
```

```
Name: Environment maximum distance
```

```
Description: Maximum distance of environmental data in meters.
```

```
Descriptor: :environment:distance-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```

(
    [0] => :type:quantitative
)

)

[16] => Array
(
    Name: Global Human Footprint

    Description: The Global Human Footprint provides an updated map
of anthropogenic impacts on the environment in geographic projection
which can be used in wildlife conservation planning, natural resource
management, and research on human-environment interactions.

    Descriptor: :environment:ghf

    Data type: :type:int

    Data format: Array

(
    [0] => :type:quantitative
    [1] => :type:list
)

)

)

)

[4] => Array
(
    Name: Ancestral data
    Description: Information
about either pedigree or other description of ancestral information
(i.e. parent variety in case of mutant or selection).
    Descriptor: mcpd:ANCEST
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:discrete
        [1] =>
:~type:full-text-03
    )
)
)

```

```

[5] => Array
(
    Name: Elevation
    Description: This
attribute holds the location elevation in meters, positive values
indicate above the sea level and negative values indicate below sea
level. For areas, this attribute should hold the mean elevation.
    Descriptor:
:location:site:elevation

    Data type: :type:int
    Data format: Array
    (
        [0] =>

    )
)
:type:quantitative

[6] => Array
(
    Name: Minimum elevation
    Description: This
attribute holds the location minimum elevation in meters, positive
values indicate above the sea level and negative values indicate
below sea level.
    Descriptor:
:location:site:elevation:min

    Data type: :type:int
    Data format: Array
    (
        [0] =>

    )
)
:type:quantitative

[7] => Array
(
    Name: Maximum elevation
    Description: This
attribute holds the location maximum elevation in meters, positive
values indicate above the sea level and negative values indicate
below sea level.
    Descriptor:
:location:site:elevation:max

    Data type: :type:int
    Data format: Array
    (
        [0] =>

    )
)
:type:quantitative

[8] => Array

```

```

(
    Name: Elevation
    Description: This
    attribute holds the location elevation uncertainty in meters,
    positive values indicate above the sea level and negative values
    indicate below sea level.
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)

[9] => Array
(
    Name: Datum
    Description: Datum of the
    projection used to obtain the coordinates. If not provided 'WGS
    1984' will be used. A horizontal geodetic datum based on an ellipsoid
    that has its origin at the earth's center of mass. Examples are the
    World Geodetic System of 1984, the North American Datum of 1983, and
    the Geodetic Datum of Australia of 1994. The first uses the WGS84
    ellipsoid; the latter two use the GRS80 ellipsoid.
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

[10] => Array
(
    Name: Decimal latitude
    Description: This
    attribute holds the location latitude in decimal degrees.
    Descriptor:
    Data type: :type:float
    Data format: Array
    (
        [0] =>
    )
)

```



```

)
[11] => Array
(
    Name: Provided latitude
    Description: This
attribute holds the location latitude as it was provided.
    Descriptor:
:location:site:latitude:provided
    Data type: :type:string
    Data format: Array
    (
        [0] =>
    )
)
[12] => Array
(
    Name: Degrees of latitude
    Description: This
attribute holds the location latitude degrees.
    Descriptor:
:location:site:latitude:deg
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
[13] => Array
(
    Name: Minutes of latitude
    Description: This
attribute holds the location latitude minutes.
    Descriptor:
:location:site:latitude:min
    Data type: :type:float
    Data format: Array
    (
        [0] =>
    )
)
[14] => Array
(
    Name: Seconds of latitude
    Description: This
attribute holds the location latitude seconds.

```

```

:location:site:latitude:sec
Descriptor:
Data type: :type:float
Data format: Array
(
    [0] =>
)
)
)
[15] => Array
(
    Name: Latitude hemisphere
    Description: This
attribute holds the location latitude hemisphere, accepted values are
N for North and S for South.
Descriptor:
:location:site:latitude:hem
Data type: :type:string
Data format: Array
(
    [0] =>
)
)
)
[16] => Array
(
    Name: Latitude
uncertainty
    Description: This
attribute holds the location latitude uncertainty in meters.
Descriptor:
:location:site:latitude:error
Data type: :type:int
Data format: Array
(
    [0] =>
)
)
)
[17] => Array
(
    Name: Decimal longitude
attribute holds the location longitude in decimal degrees.
Descriptor:
:location:site:longitude
Data type: :type:float
Data format: Array
(

```

```

:~type:quantitative
[0] =>
)
)
[18] => Array
(
Name: Provided longitude
Description: This
attribute holds the location longitude as it was provided.
Descriptor:
:location:site:longitude:provided
Data type: :type:string
Data format: Array
(
[0] =>
)
)
[19] => Array
(
Name: Degrees of
longitude
Description: This
attribute holds the location longitude degrees.
Descriptor:
:location:site:longitude:deg
Data type: :type:int
Data format: Array
(
[0] =>
)
)
[20] => Array
(
Name: Minutes of
longitude
Description: This
attribute holds the location longitude minutes.
Descriptor:
:location:site:longitude:min
Data type: :type:float
Data format: Array
(
[0] =>
)
)
)

```

```

[21] => Array
(
    Name: Seconds of
longitude
    Description: This
attribute holds the location longitude seconds.
    Descriptor:
:location:site:longitude:sec
    Data type: :type:float
    Data format: Array
        (
            [0] =>
:~
        )
    )
)

[22] => Array
(
    Name: Longitude
hemisphere
    Description: This
attribute holds the location longitude hemisphere, accepted values
are E for East and W for West.
    Descriptor:
:location:site:longitude:hem
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~
        )
    )
)

[23] => Array
(
    Name: Longitude
uncertainty
    Description: This
attribute holds the location longitude uncertainty in meters.
    Descriptor:
:location:site:longitude:error
    Data type: :type:int
    Data format: Array
        (
            [0] =>
:~
        )
    )
)

[24] => Array
(
    Name: Maximum error
distance
)

```

```

:location:site:error
Descriptor:
Data type: :type:int
Data format: Array
(
    [0] =>
)
)
)
[25] => Array
(
    Name: Coordinates
    Description: This
    attribute indicates whether the coordinates may or may not be
    published.
    Descriptor:
:location:site:coordinates-restricted
Data type: :type:boolean
Data format: Array
(
    [0] =>
)
)
)
[26] => Array
(
    Name: Continent
    Description: This
    attribute holds the enumerated value describing the location
    continent.
    Descriptor:
:location:continent
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
)
[27] => Array
(
    Name: Country
    Description: This
    attribute holds the enumerated value describing the location country.
    For historical reasons legacy countries are included.

```

```

:location:country
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
:location:country
:type:quantitative
[1] =>
:location:country
:type:quantitative
[2] =>
:location:country
:type:quantitative
)
)
[28] => Array
(
    Name: Administrative unit
    Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
:location:country
:type:quantitative
[1] =>
:location:country
:type:quantitative
[2] =>
:location:country
:type:quantitative
)
)
[29] => Array
(
    Name: Georeference date
    Descriptor:
Data type: :type:date
Data format: Array
(
    [0] =>
:location:country
:type:quantitative
[1] =>
:location:country
:type:quantitative
[2] =>
:location:country
:type:quantitative
)
)
[30] => Array
(
    Name: Georeference
contact

```

```

:location:site:georeference-contact
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[31] => Array
(
    Name: Georeference source
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
:location:site:georeference-source
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
:type:discrete
:type:full-text-03
)
[32] => Array
(
    Name: Georeferencing
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
method
:location:site:georeference-method
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
:type:categorical
:type:full-text-03
:type:summary
)
[33] => Array
(
    Name: Georeference tool
    Descriptor:
    Data type: :type:string
    Data format: Array
    (

```

```

:~type:~categorical
:~type:~full-text-03
[0] =>
[1] =>
)
)
[34] => Array
(
Name: Georeference
Description: This
latitude
attribute holds the location georeference latitude in decimal
degrees.
Descriptor:
Data type: :~type:~float
Data format: Array
(
[0] =>
)
)
:~location:~site:~georeference-latitude
:~type:~quantitative
)
[35] => Array
(
Name: Georeference
Description: This
longitude
attribute holds the location georeference longitude in decimal
degrees.
Descriptor:
Data type: :~type:~float
Data format: Array
(
[0] =>
)
)
:~location:~site:~georeference-longitude
:~type:~quantitative
)
[36] => Array
(
Name: Georeference error
Descriptor:
Data type: :~type:~int
Data format: Array
(
[0] =>
)
)
:~location:~site:~georeference-error
:~type:~quantitative
)

```



```

)
[37] => Array
(
    Name: Georeference
original coordinate
    Descriptor:
:location:site:georeference-old
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:discrete
        )
    )
[38] => Array
(
    Name: Georeference notes
:location:site:georeference-notes
    Descriptor:
    Data type: :type:text
    Data format: Array
        (
            [0] =>
:~type:discrete
            [1] =>
:~type:full-text-03
        )
    )
[39] => Array
(
    Name: Habitat type
    Descriptor: iucn:habitat
    Data type: :type:enum-set
    Data format: Array
        (
            [0] =>
:~type:categorical
            [1] =>
:~type:full-text-03
            [2] =>
:~type:summary
        )
    )
[40] => Array
(
    Name: Habitat type
scoring
    Descriptor: iucn:habitat-
score

```

```

Data type: :type:enum
Data format: Array
(
    [0] =>
:~type:~categorical
    [1] =>
:~type:~full-text-03
    [2] =>
:~type:~summary
)
)
[41] => Array
(
    Name: Habitat type
    Descriptor: eec:EUNIS
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-03
        [2] =>
:~type:~summary
    )
)
[42] => Array
(
    Name: National habitat
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
unit code
        [1] =>
:~location:~site:~unit-code
:~type:~discrete
        [2] =>
:~type:~full-text-03
    )
)
[43] => Array
(
    Name: National habitat
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
:~location:~site:~unit-descr
unit description
)
)

```

```

:~type:discrete
:~type:full-text-03
)
)
[44] => Array
(
Name: National habitat
Description: Authority
Descriptor:
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[45] => Array
(
Name: National habitat
Description: Version of
Descriptor:
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[46] => Array
(
Name: Land element and
position
Description: Description
of the geomorphology of the immediate surroundings of the collecting
site (adapted from FAO, 1990).
Descriptor:
Data type: :~type:enum
:~type:discrete
:~type:full-text-03
:~location:site:unit-file
:~location:site:unit-file-vers
:~location:site:position

```

```

Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[47] => Array
(
    Name: Land slope
    Description: Estimated
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:type:quantitative
    )
)
[48] => Array
(
    Name: Land slope aspect
    Description: The
direction that the slope faces, with symbols N, S, E, W (e.g. a slope
that faces a south-western direction has an aspect of SW).
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
    )
)
[49] => Array
(
    Name: Site identifier
    Description: This
attribute holds the unique identifier of the site.
    Descriptor:
    Data type: :type:string
    Data format: Array
    (

```

```

:location:site:notes
:location:region
administrative unit
attribute holds the name of the primary administrative unit below the
country.

```

```

[0] =>
[1] =>
)
)
[50] => Array
(
Name: Site notes
Descriptor:
Data type: :type:text
Data format: Array
(
[0] =>
[1] =>
)
)
[51] => Array
(
Name: Region
Description: This
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[52] => Array
(
Name: Primary
Description: This
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>

```

```

[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)
[53] => Array
(
    Name: Secondary
    administrative unit
    Description: This
    attribute holds the name of the secondary administrative unit below
    the primary administrative unit.
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
[54] => Array
(
    Name: Lowest
    administrative unit
    Description: This
    attribute holds the name of the lowest administrative unit, or local
    name of the location.
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[55] => Array
(
    Name: Locality
    Description: This
    attribute holds the description or name of the location, this might

```

include the distance in kilometres and direction from the nearest town, village or map grid reference point.

```
Descriptor:
:location:locality
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
)
)
[56] => Array
(
  Name: Soil texture
  Descriptor:
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:location:site:texture
:type:categorycal
:type:full-text-03
:type:summary
[57] => Array
(
  Name: Soil moisture
  Description: Moisture
  Descriptor:
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
conditions prevailing in the soil.
:location:site:moisture
:type:categorycal
:type:full-text-03
:type:summary
[58] => Array
(
  Name: Soil Ph.
```

```

:location:site:ph
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
:type:enumeration
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[59] => Array
(
    Name: Soil acidity value
    Description: Actual
    measurement of soil acidity at related depth.
    Descriptor:
:location:site:ph:value
Data type: :type:float
Data format: Array
(
    [0] =>
:type:quantitative
)
)
[60] => Array
(
    Name: Ph. measurement
    depth
    Description: Depth in
centimetres at which soil acidity condition was recorded.
    Descriptor:
:location:site:ph:depth
Data type: :type:int
Data format: Array
(
    [0] =>
:type:quantitative
)
)
[61] => Array
(
    Name: Soil salinity
    Descriptor:
:location:site:salt
Data type: :type:enum
Data format: Array
(

```



```

[0] => Array
(
    Name: Germplasm
    Description: This
    Identifier
    attribute holds the unique identifier of the germplasm.
    Descriptor:
    :germplasm:identifier
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

[1] => Array
(
    Name: Mission
    Description: This
    attribute holds the reference to the mission.
    Descriptor: :mission
    Data type: :type:ref:unit
)

[2] => Array
(
    Name: Mission identifier
    Description: This
    attribute holds the unique identifier of the mission.
    Descriptor:
    :mission:identifier
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

[3] => Array
(
    Name: Collecting mission
    Description: This
    attribute holds the reference to a collecting mission.
    Descriptor:
    :mission:collecting
    Data type: :type:ref:unit
)

```

```

[4] => Array
(
    Name: Collecting mission
    identifier
    Description: This
    attribute holds the unique identifier of the collecting mission.
    Descriptor:
    :mission:collecting:identifier
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

```

```

[5] => Array
(
    Name: Collectors
    Description: List of
    individuals and organisations which cooperated in the collecting.
    Descriptor:
    :collecting:entities
    Data type: :type:struct
    Data format: Array
    (
        [0] =>
    )
    [children] => Array
    (
        [0] => Array
        (

```

```

    Name: Collecting institute code
    Description: The FAO/WIEWS code of the institute which
    collected the accession.
    Descriptor: mcpd:COLLCODE
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )

```

)

)

[1] => Array
(

Name: Collecting institute name

Descriptor: mcpd:COLLDESCR

Data type: :type:string

Data format: Array

(

[0] => :type:discrete

[1] => :type:full-text-03

)

)

[2] => Array
(

Name: Entity acronyms

Description: This attribute holds the list of acronyms used by the entity.

Descriptor: :entity:acronym

Data type: :type:string

Data format: Array

(

[0] => :type:categorical

[1] => :type:list

[2] => :type:full-text-10

)

)

[3] => Array
(

Name: Entity internet addresses

Description: This attribute holds the entity list of internet addresses discriminated by type.

Descriptor: :entity:url

Data type: :type:typed-list

Data format: Array

(

[0] => :type:discrete

)

)

[4] => Array

(

Name: Authentication code

Description: This attribute holds a string which identifies the entity credentials used to authenticate with the service.

Descriptor: :connection:code

Data type: :type:string

Data format: Array

(

[0] => :type:discrete

[1] => :type:private-search

[2] => :type:private-display

)

)

[5] => Array

(

Name: Authentication password

Description: This attribute holds a string which validates the entity credentials used to authenticate with the service.

Descriptor: :connection:pass

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:discrete  
    [1] => :type:private-search  
    [2] => :type:private-display  
)
```

)

```
[6] => Array  
(
```

Name: Entity first name

Description: This attribute holds a string representing the first name of the entity.

Descriptor: :entity:fname

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:discrete  
    [1] => :type:full-text-06  
)
```

)

```
[7] => Array  
(
```

Name: Entity last name

Description: This attribute holds a string representing the last name of the entity.

Descriptor: :entity:lname

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:discrete
```

```

    [1] => :type:full-text-10
)
)
[8] => Array
(

```

Name: Name

Description: This attribute holds a string representing the name of the object. This is generally the way humans refer to the object and it is not related to a specific language.

Descriptor: :name

Data type: :type:string

Data format: Array

```

(
    [0] => :type:discrete
    [1] => :type:full-text-06
)

```

```

)
[9] => Array
(

```

Name: Entity identifier

Description: This attribute holds a string representing the identification code of the entity.

Descriptor: :entity:identifier

Data type: :type:string

Data format: Array

```

(
    [0] => :type:discrete
    [1] => :type:full-text-10
)

```

```

)

```

```
[10] => Array  
(
```

```
Name: Entity type
```

```
Description: This attribute holds an enumerated set describing  
the various types of the holding entity.
```

```
Descriptor: :type:entity
```

```
Data type: :type:enum-set
```

```
Data format: Array
```

```
(  
  [0] => :type:categorical  
  [1] => :type:full-text-03  
  [2] => :type:summary  
)
```

```
)
```

```
[11] => Array  
(
```

```
Name: Entity kind
```

```
Description: This attribute holds an enumerated set describing  
the various kinds of the holding entity.
```

```
Descriptor: :kind:entity
```

```
Data type: :type:enum-set
```

```
Data format: Array
```

```
(  
  [0] => :type:categorical  
  [1] => :type:full-text-03  
  [2] => :type:summary  
)
```

```
)
```

```
[12] => Array  
(
```

```
Name: Entity mailing addresses
```


Description: This attribute holds the entity list of mailing addresses discriminated by type.

Descriptor: :entity:mail

Data type: :type:typed-list

Data format: Array

```
(  
    [0] => :type:discrete  
)
```

```
)
```

```
[13] => Array  
(
```

Name: Entity electronic mail addresses

Description: This attribute holds the entity list of e-mail addresses discriminated by type.

Descriptor: :entity:email

Data type: :type:typed-list

Data format: Array

```
(  
    [0] => :type:discrete  
)
```

```
)
```

```
[14] => Array  
(
```

Name: Entity telephone numbers

Description: This attribute holds the entity list of telephone numbers discriminated by type.

Descriptor: :entity:phone

Data type: :type:typed-list

Data format: Array

```
(
```

```
    [0] => :type:discrete
  )
```

```
)
```

```
[15] => Array
  (
```

```
Name: Entity telefax numbers
```

Description: This attribute holds the entity list of telefax numbers discriminated by type.

```
Descriptor: :entity:fax
```

```
Data type: :type:typed-list
```

```
Data format: Array
```

```
(
  [0] => :type:discrete
)
```

```
)
```

```
[16] => Array
  (
```

```
Name: Entity telex
```

Description: This attribute holds the entity list of telex codes discriminated by type.

```
Descriptor: :entity:tlx
```

```
Data type: :type:typed-list
```

```
Data format: Array
```

```
(
  [0] => :type:discrete
)
```

```
)
```

```
[17] => Array
  (
```

```
Name: Affiliation
```

Description: This attribute holds the list of entities to which the current object is affiliated, discriminated by type.

Descriptor: :entity:affiliation

Data type: :type:typed-list

Data format: Array

```
(
    [0] => :type:discrete
)
)
[18] => Array
(
```

Name: Entity nationality

Description: This attribute holds the nationality of the entity, this is expressed as an ISO country code.

Descriptor: :entity:nationality

Data type: :type:enum

Data format: Array

```
(
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
)
)
[19] => Array
(
```

Name: Valid entity

Description: This attribute holds the reference to the valid, current or preferred entity. This is used to keep track of historical entity records when these entities become obsolete or defunct.

Descriptor: :entity:valid

Data type: :type:ref:self

```

Data format: Array
(
    [0] => :type:discrete
)

)

[20] => Array
(
    Name: Institute
    Description: This attribute holds a reference to the institute.
    Descriptor: :inventory:institute
    Data type: :type:ref:unit
)

)

[6] => Array
(
    Name: Collecting event
    Descriptor:
    Data type: :type:text
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

notes
:collecting:notes
:type:discrete
:type:full-text-03

)

[7] => Array
(
    Name: Environment
    Description:
    Descriptor: :environment
    Data type: :type:struct
    [children] => Array
    (
        [0] => Array
        (

```

Environmental data.

Name: Global Environment Stratification

Description: Global Environment Stratification code.

Descriptor: gens

Data type: :type:string

Data format: Array

```
(  
  [0] => :type:categorical  
  [1] => :type:list  
)
```

```
)  
[1] => Array  
(
```

Name: Climatic zone

Descriptor: gens:clim

Data type: :type:enum-set

Data format: Array

```
(  
  [0] => :type:categorical  
  [1] => :type:full-text-03  
  [2] => :type:summary  
)
```

```
)  
[2] => Array  
(
```

Name: Environmental zone

Descriptor: gens:zone

Data type: :type:enum-set

Data format: Array

```
(
```

```
[0] => :type:categorical
[1] => :type:full-text-03
[2] => :type:summary
)
```

```
)
```

```
[3] => Array
(
```

```
Name: Global land cover type
```

```
Descriptor: globcov
```

```
Data type: :type:enum-set
```

```
Data format: Array
```

```
(
  [0] => :type:categorical
  [1] => :type:full-text-03
  [2] => :type:summary
)
```

```
)
```

```
[4] => Array
(
```

```
Name: Harmonised world soil type
```

```
Descriptor: hwsd
```

```
Data type: :type:enum-set
```

```
Data format: Array
```

```
(
  [0] => :type:categorical
  [1] => :type:full-text-03
  [2] => :type:summary
)
```

```
)
```

```

[5] => Array
(
Name: Monthly precipitation
Description: Monthly precipitation of location.
Descriptor: :environment:precipitation
Data type: :type:struct
[children] => Array
(
[0] => Array
(
Name: January minimum precipitation
Description: Location January minimum
precipitation.
Descriptor: :environment:precipitation:01-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[1] => Array
(
Name: January mean precipitation
Description: Location January mean
precipitation.
Descriptor: :environment:precipitation:01-mean
Data type: :type:int
Data format: Array

```

```

(
    [0] => :type:quantitative
)
)

[2] => Array
(
    Name: January maximum precipitation
    Description: Location January maximum
precipitation.
    Descriptor: :environment:precipitation:01-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[3] => Array
(
    Name: February minimum precipitation
    Description: Location February minimum
precipitation.
    Descriptor: :environment:precipitation:02-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```



```

    )

[4] => Array
    (
        Name: February mean precipitation
        Description: Location February mean
precipitation.
        Descriptor: :environment:precipitation:02-mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[5] => Array
    (
        Name: February maximum precipitation
        Description: Location February maximum
precipitation.
        Descriptor: :environment:precipitation:02-max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[6] => Array

```

```

(
  Name: March minimum precipitation
  Description: Location March minimum
precipitation.
  Descriptor: :environment:precipitation:03-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

[7] => Array
(
  Name: March mean precipitation
  Description: Location March mean precipitation.
  Descriptor: :environment:precipitation:03-mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

[8] => Array
(
  Name: March maximum precipitation
  Description: Location March maximum
precipitation.

```

```

Descriptor: :environment:precipitation:03-max
Data type: :type:int
Data format: Array
    (
        [0] => :type:quantitative
    )
)

[9] => Array
    (
        Name: April minimum precipitation
        Description: Location April minimum
precipitation.
        Descriptor: :environment:precipitation:04-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )

[10] => Array
    (
        Name: April mean precipitation
        Description: Location April mean precipitation.
        Descriptor: :environment:precipitation:04-mean
        Data type: :type:int
        Data format: Array
    )

```

```

(
    [0] => :type:quantitative
)
)

[11] => Array
(
    Name: April maximum precipitation
    Description: Location April maximum
precipitation.

    Descriptor: :environment:precipitation:04-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[12] => Array
(
    Name: May minimum precipitation
    Description: Location May minimum
precipitation.

    Descriptor: :environment:precipitation:05-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

)

[13] => Array

(

Name: May mean precipitation

Description: Location May mean precipitation.

Descriptor: :environment:precipitation:05-mean

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[14] => Array

(

Name: May maximum precipitation

Description: Location May maximum
precipitation.

Descriptor: :environment:precipitation:05-max

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[15] => Array

```
(
  Name: June minimum precipitation
  Description: Location June minimum
precipitation.
  Descriptor: :environment:precipitation:06-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[16] => Array
```

```
(
  Name: June mean precipitation
  Description: Location June mean precipitation.
  Descriptor: :environment:precipitation:06-mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[17] => Array
```

```
(
  Name: June maximum precipitation
  Description: Location June maximum
precipitation.
```

```

Descriptor: :environment:precipitation:06-max
Data type: :type:int
Data format: Array
    (
        [0] => :type:quantitative
    )
)

[18] => Array
    (
        Name: July minimum precipitation
        Description: Location July minimum
precipitation.
        Descriptor: :environment:precipitation:07-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )

[19] => Array
    (
        Name: July mean precipitation
        Description: Location July mean precipitation.
        Descriptor: :environment:precipitation:07-mean
        Data type: :type:int
        Data format: Array

```

```

        (
            [0] => :type:quantitative
        )
    )

[20] => Array
    (
        Name: July maximum precipitation
        Description: Location July maximum
precipitation.

        Descriptor: :environment:precipitation:07-max
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[21] => Array
    (
        Name: August minimum precipitation
        Description: Location August minimum
precipitation.

        Descriptor: :environment:precipitation:08-min
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

```



```

    )

[22] => Array
    (
        Name: August mean precipitation
        Description: Location August mean
precipitation.
        Descriptor: :environment:precipitation:08-mean
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[23] => Array
    (
        Name: August maximum precipitation
        Description: Location August maximum
precipitation.
        Descriptor: :environment:precipitation:08-max
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[24] => Array

```

```
(
  Name: September minimum precipitation
  Description: Location September minimum
precipitation.
  Descriptor: :environment:precipitation:09-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

[25] => Array

```
(
  Name: September mean precipitation
  Description: Location September mean
precipitation.
  Descriptor: :environment:precipitation:09-mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

[26] => Array

```
(
  Name: September maximum precipitation
```

```
precipitation.      Description: Location September maximum

                    Descriptor: :environment:precipitation:09-max
                    Data type: :type:int
                    Data format: Array
                    (
                        [0] => :type:quantitative
                    )
                )
```

```
[27] => Array
```

```
(
    Name: October minimum precipitation
    Description: Location October minimum
precipitation.
    Descriptor: :environment:precipitation:10-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

```
[28] => Array
```

```
(
    Name: October mean precipitation
    Description: Location October mean
precipitation.
    Descriptor: :environment:precipitation:10-mean
```

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[29] => Array

```
(  
    Name: October maximum precipitation  
    Description: Location October maximum  
precipitation.
```

Descriptor: :environment:precipitation:10-max

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[30] => Array

```
(  
    Name: November minimum precipitation  
    Description: Location November minimum  
precipitation.
```

Descriptor: :environment:precipitation:11-min

Data type: :type:int

Data format: Array

```
(
```

```

[30] => Array
(
  Name: November mean precipitation
  Description: Location November mean
precipitation.
  Descriptor: :environment:precipitation:11-mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

[31] => Array
(
  Name: November mean precipitation
  Description: Location November mean
precipitation.
  Descriptor: :environment:precipitation:11-mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

[32] => Array
(
  Name: November maximum precipitation
  Description: Location November maximum
precipitation.
  Descriptor: :environment:precipitation:11-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```

    )

[33] => Array
    (
        Name: December minimum precipitation
        Description: Location December minimum
precipitation.
        Descriptor: :environment:precipitation:12-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[34] => Array
    (
        Name: December mean precipitation
        Description: Location December mean
precipitation.
        Descriptor: :environment:precipitation:12-mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[35] => Array

```

```

(
    Name: December maximum precipitation
    Description: Location December maximum
precipitation.
    Descriptor: :environment:precipitation:12-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
)

```

```

)
[6] => Array
(

```

```

Name: Monthly temperature
Description: Monthly temperature of location.
Descriptor: :environment:temperature
Data type: :type:struct
[children] => Array
(
    [0] => Array
    (
        Name: January minimum temperature (minimum)
        Description: Location January minimum
temperature (minimum).
        Descriptor: :environment:temperature:01-min-min
        Data type: :type:int
    )
)

```

```

Data format: Array
    (
        [0] => :type:quantitative
    )
)

[1] => Array
    (
        Name: January minimum temperature (mean)
        Description: Location January minimum
temperature (mean).
        Descriptor: :environment:temperature:01-min-
mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[2] => Array
    (
        Name: January minimum temperature (maximum)
        Description: Location January minimum
temperature (maximum).
        Descriptor: :environment:temperature:01-min-max
        Data type: :type:int
        Data format: Array
            (

```



```

[0] => :type:quantitative
)
)
[3] => Array
(
  Name: January mean temperature (minimum)
  Description: Location January mean temperature
(minimum).
  Descriptor: :environment:temperature:01-mean-
min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
[4] => Array
(
  Name: January mean temperature (mean)
  Description: Location January mean temperature
(mean).
  Descriptor: :environment:temperature:01-mean-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```

    )

[5] => Array
    (
        Name: January mean temperature (maximum)
        Description: Location January mean temperature
(maximum) .
        Descriptor: :environment:temperature:01-mean-
max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[6] => Array
    (
        Name: January maximum temperature (minimum)
        Description: Location January maximum
temperature (minimum) .
        Descriptor: :environment:temperature:01-max-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```
[7] => Array
(
  Name: January maximum temperature (mean)
  Description: Location January maximum
temperature (mean).
  Descriptor: :environment:temperature:01-max-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[8] => Array
(
  Name: January maximum temperature (maximum)
  Description: Location January maximum
temperature (maximum).
  Descriptor: :environment:temperature:01-max-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[9] => Array
(
```

```

Name: February minimum temperature (minimum)
Description: Location February minimum
temperature (minimum).
Descriptor: :environment:temperature:02-min-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

```

```
)
```

```
[10] => Array
```

```

(
    Name: February minimum temperature (mean)
    Description: Location February minimum
    temperature (mean).
    Descriptor: :environment:temperature:02-min-
    mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```
[11] => Array
```

```

(
    Name: February minimum temperature (maximum)
    Description: Location February minimum
    temperature (maximum).
)

```

```

Descriptor: :environment:temperature:02-min-max
Data type: :type:int
Data format: Array
    (
        [0] => :type:quantitative
    )
)

[12] => Array
    (
        Name: February mean temperature (minimum)
        Description: Location February mean temperature
(minimum) .
        Descriptor: :environment:temperature:02-mean-
min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )

[13] => Array
    (
        Name: February mean temperature (mean)
        Description: Location February mean temperature
(mean) .
        Descriptor: :environment:temperature:02-mean-
mean
        Data type: :type:int

```

```

Data format: Array
    (
        [0] => :type:quantitative
    )
)

[14] => Array
    (
        Name: February mean temperature (maximum)
        Description: Location February mean temperature
(maximum).
        Descriptor: :environment:temperature:02-mean-
max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[15] => Array
    (
        Name: February maximum temperature (minimum)
        Description: Location February maximum
temperature (minimum).
        Descriptor: :environment:temperature:02-max-min
        Data type: :type:int
        Data format: Array
            (

```

```

[0] => :type:quantitative
)
)
[16] => Array
(
Name: February maximum temperature (mean)
Description: Location February maximum
temperature (mean).
Descriptor: :environment:temperature:02-max-
mean

```

```

Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

```

```

[17] => Array
(
Name: February maximum temperature (maximum)
Description: Location February maximum
temperature (maximum).
Descriptor: :environment:temperature:02-max-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

```

```
)  
[18] => Array  
(  
  Name: March minimum temperature (minimum)  
  Description: Location March minimum temperature  
(minimum).  
  Descriptor: :environment:temperature:03-min-min  
  Data type: :type:int  
  Data format: Array  
  (  
    [0] => :type:quantitative  
  )  
)
```

```
[19] => Array  
(  
  Name: March minimum temperature (mean)  
  Description: Location March minimum temperature  
(mean).  
  Descriptor: :environment:temperature:03-min-  
mean  
  Data type: :type:int  
  Data format: Array  
  (  
    [0] => :type:quantitative  
  )  
)
```

```
[20] => Array
```



```
(
    Name: March minimum temperature (maximum)
    Description: Location March minimum temperature
(maximum).
    Descriptor: :environment:temperature:03-min-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[21] => Array

```
(
    Name: March mean temperature (minimum)
    Description: Location March mean temperature
(minimum).
    Descriptor: :environment:temperature:03-mean-
min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[22] => Array

```
(
    Name: March mean temperature (mean)
```

```
(mean).
Description: Location March mean temperature

Descriptor: :environment:temperature:03-mean-
mean

Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[23] => Array
```

```
(
  Name: March mean temperature (maximum)
  Description: Location March mean temperature
(maximum).
Descriptor: :environment:temperature:03-mean-
max

Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[24] => Array
```

```
(
  Name: March maximum temperature (minimum)
  Description: Location March maximum temperature
(minimum).
```

```

Descriptor: :environment:temperature:03-max-min
Data type: :type:int
Data format: Array
    (
        [0] => :type:quantitative
    )
)

[25] => Array
    (
        Name: March maximum temperature (mean)
        Description: Location March maximum temperature
(mean) .
        Descriptor: :environment:temperature:03-max-
mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )

[26] => Array
    (
        Name: March maximum temperature (maximum)
        Description: Location March maximum temperature
(maximum) .
        Descriptor: :environment:temperature:03-max-max
        Data type: :type:int
    )

```

```

Data format: Array
    (
        [0] => :type:quantitative
    )
)

[27] => Array
    (
        Name: April minimum temperature (minimum)
        Description: Location April minimum temperature
(minimum) .
        Descriptor: :environment:temperature:04-min-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[28] => Array
    (
        Name: April minimum temperature (mean)
        Description: Location April minimum temperature
(mean) .
        Descriptor: :environment:temperature:04-min-
mean
        Data type: :type:int
        Data format: Array
            (

```

```

                                [0] => :type:quantitative
                                )
                                )

[29] => Array
    (
        Name: April minimum temperature (maximum)
        Description: Location April minimum temperature
(maximum).
        Descriptor: :environment:temperature:04-min-max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[30] => Array
    (
        Name: April mean temperature (minimum)
        Description: Location April mean temperature
(minimum).
        Descriptor: :environment:temperature:04-mean-
min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```

    )

[31] => Array
    (
      Name: April mean temperature (mean)
      Description: Location April mean temperature
(mean) .
      Descriptor: :environment:temperature:04-mean-
mean
      Data type: :type:int
      Data format: Array
      (
        [0] => :type:quantitative
      )
    )

[32] => Array
    (
      Name: April mean temperature (maximum)
      Description: Location April mean temperature
(maximum) .
      Descriptor: :environment:temperature:04-mean-
max
      Data type: :type:int
      Data format: Array
      (
        [0] => :type:quantitative
      )
    )

```

```
[33] => Array
(
  Name: April maximum temperature (minimum)
  Description: Location April maximum temperature
(minimum) .
  Descriptor: :environment:temperature:04-max-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[34] => Array
(
  Name: April maximum temperature (mean)
  Description: Location April maximum temperature
(mean) .
mean
  Descriptor: :environment:temperature:04-max-
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[35] => Array
(
```

```
(maximum).  
  
Name: April maximum temperature (maximum)  
Description: Location April maximum temperature  
Descriptor: :environment:temperature:04-max-max  
Data type: :type:int  
Data format: Array  
  
  (  
    [0] => :type:quantitative  
  )  
  
)
```

```
[36] => Array
```

```
(  
  
Name: May minimum temperature (minimum)  
Description: Location May minimum temperature  
(minimum).  
Descriptor: :environment:temperature:05-min-min  
Data type: :type:int  
Data format: Array  
  
  (  
    [0] => :type:quantitative  
  )  
  
)
```

```
[37] => Array
```

```
(  
  
Name: May minimum temperature (mean)  
Description: Location May minimum temperature  
(mean).  
  
)
```


mean Descriptor: :environment:temperature:05-min-

 Data type: :type:int

 Data format: Array

```
                         (
                             [0] => :type:quantitative
                         )
```

)

[38] => Array

 (

 Name: May minimum temperature (maximum)

(maximum). Description: Location May minimum temperature

 Descriptor: :environment:temperature:05-min-max

 Data type: :type:int

 Data format: Array

```
                             (
                                 [0] => :type:quantitative
                             )
```

)

[39] => Array

 (

 Name: May mean temperature (minimum)

(minimum). Description: Location May mean temperature

 Descriptor: :environment:temperature:05-mean-

min

 Data type: :type:int

```

Data format: Array
    (
        [0] => :type:quantitative
    )
)

[40] => Array
    (
        Name: May mean temperature (mean)
        Description: Location May mean temperature
(mean).
        Descriptor: :environment:temperature:05-mean-
mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )

[41] => Array
    (
        Name: May mean temperature (maximum)
        Description: Location May mean temperature
(maximum).
        Descriptor: :environment:temperature:05-mean-
max
        Data type: :type:int
        Data format: Array
            (

```

```

                                [0] => :type:quantitative
                                )
                                )
[42] => Array
    (
        Name: May maximum temperature (minimum)
        Description: Location May maximum temperature
(minimum) .
        Descriptor: :environment:temperature:05-max-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )
[43] => Array
    (
        Name: May maximum temperature (mean)
        Description: Location May maximum temperature
(mean) .
        Descriptor: :environment:temperature:05-max-
mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```
)  
  
[44] => Array  
  
(  
  
    Name: May maximum temperature (maximum)  
    Description: Location May maximum temperature  
(maximum).  
  
    Descriptor: :environment:temperature:05-max-max  
  
    Data type: :type:int  
  
    Data format: Array  
  
    (  
  
        [0] => :type:quantitative  
  
    )  
  
)
```

```
[45] => Array  
  
(  
  
    Name: June minimum temperature (minimum)  
    Description: Location June minimum temperature  
(minimum).  
  
    Descriptor: :environment:temperature:06-min-min  
  
    Data type: :type:int  
  
    Data format: Array  
  
    (  
  
        [0] => :type:quantitative  
  
    )  
  
)
```

```
[46] => Array
```

```
(
    Name: June minimum temperature (mean)
    Description: Location June minimum temperature
(mean) .
    Descriptor: :environment:temperature:06-min-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[47] => Array

```
(
    Name: June minimum temperature (maximum)
    Description: Location June minimum temperature
(maximum) .
    Descriptor: :environment:temperature:06-min-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[48] => Array

```
(
    Name: June mean temperature (minimum)
```

```
(minimum).
min
Description: Location June mean temperature
Descriptor: :environment:temperature:06-mean-
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[49] => Array
```

```
(
  Name: June mean temperature (mean)
  Description: Location June mean temperature
  Descriptor: :environment:temperature:06-mean-
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
(mean).
```

```
mean
```

```
[50] => Array
```

```
(
  Name: June mean temperature (maximum)
  Description: Location June mean temperature
  (maximum).
```

```

max
Descriptor: :environment:temperature:06-mean-

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[51] => Array
(
    Name: June maximum temperature (minimum)
    Description: Location June maximum temperature
(minimum) .
    Descriptor: :environment:temperature:06-max-min
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)

)

[52] => Array
(
    Name: June maximum temperature (mean)
    Description: Location June maximum temperature
(mean) .
    Descriptor: :environment:temperature:06-max-
mean
    Data type: :type:int

```

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[53] => Array

```
(  
    Name: June maximum temperature (maximum)  
    Description: Location June maximum temperature  
(maximum).  
    Descriptor: :environment:temperature:06-max-max  
    Data type: :type:int
```

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[54] => Array

```
(  
    Name: July minimum temperature (minimum)  
    Description: Location July minimum temperature  
(minimum).  
    Descriptor: :environment:temperature:07-min-min  
    Data type: :type:int
```

Data format: Array

```
(  
    [0] => :type:quantitative
```



```

)
)
[55] => Array
(
  Name: July minimum temperature (mean)
  Description: Location July minimum temperature
(mean) .
  Descriptor: :environment:temperature:07-min-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```

[56] => Array
(
  Name: July minimum temperature (maximum)
  Description: Location July minimum temperature
(maximum) .
  Descriptor: :environment:temperature:07-min-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```
[57] => Array
(
  Name: July mean temperature (minimum)
  Description: Location July mean temperature
(minimum) .
  Descriptor: :environment:temperature:07-mean-
min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[58] => Array
(
  Name: July mean temperature (mean)
  Description: Location July mean temperature
(mean) .
  Descriptor: :environment:temperature:07-mean-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[59] => Array
```

```
(
    Name: July mean temperature (maximum)
    Description: Location July mean temperature
(maximum).
    Descriptor: :environment:temperature:07-mean-
max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
```

```
[0] => :type:quantitative
```

```
)
```

```
)
```

```
[60] => Array
```

```
(
    Name: July maximum temperature (minimum)
    Description: Location July maximum temperature
(minimum).
    Descriptor: :environment:temperature:07-max-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
```

```
[0] => :type:quantitative
```

```
)
```

```
)
```

```
[61] => Array
```

```
(
```

```
Name: July maximum temperature (mean)
```

(mean).
mean
Description: Location July maximum temperature
Descriptor: :environment:temperature:07-max-
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

[62] => Array

(
Name: July maximum temperature (maximum)
Description: Location July maximum temperature
(maximum).
Descriptor: :environment:temperature:07-max-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

[63] => Array

(
Name: August minimum temperature (minimum)
Description: Location August minimum
temperature (minimum).
Descriptor: :environment:temperature:08-min-min

```

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)

[64] => Array
(
    Name: August minimum temperature (mean)
    Description: Location August minimum
temperature (mean).
    Descriptor: :environment:temperature:08-min-
mean
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)
)

[65] => Array
(
    Name: August minimum temperature (maximum)
    Description: Location August minimum
temperature (maximum).
    Descriptor: :environment:temperature:08-min-max
    Data type: :type:int
    Data format: Array

```

```

(
    [0] => :type:quantitative
)
)

[66] => Array
(
    Name: August mean temperature (minimum)
    Description: Location August mean temperature
(minimum).
    Descriptor: :environment:temperature:08-mean-
min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[67] => Array
(
    Name: August mean temperature (mean)
    Description: Location August mean temperature
(mean).
    Descriptor: :environment:temperature:08-mean-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative

```

```

)
)
[68] => Array
(
  Name: August mean temperature (maximum)
  Description: Location August mean temperature
(maximum).
  Descriptor: :environment:temperature:08-mean-
max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```

[69] => Array
(
  Name: August maximum temperature (minimum)
  Description: Location August maximum
temperature (minimum).
  Descriptor: :environment:temperature:08-max-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```
[70] => Array
(
  Name: August maximum temperature (mean)
  Description: Location August maximum
temperature (mean).
  Descriptor: :environment:temperature:08-max-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[71] => Array
(
  Name: August maximum temperature (maximum)
  Description: Location August maximum
temperature (maximum).
  Descriptor: :environment:temperature:08-max-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[72] => Array
(
```



```

Name: September minimum temperature (minimum)
Description: Location September minimum
temperature (minimum).
Descriptor: :environment:temperature:09-min-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

```

```
[73] => Array
```

```

(
    Name: September minimum temperature (mean)
Description: Location September minimum
temperature (mean).
Descriptor: :environment:temperature:09-min-
mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)

```

```
[74] => Array
```

```

(
    Name: September minimum temperature (maximum)
Description: Location September minimum
temperature (maximum).
)

```

Descriptor: :environment:temperature:09-min-max

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[75] => Array

```
(  
    Name: September mean temperature (minimum)  
    Description: Location September mean  
temperature (minimum).  
    Descriptor: :environment:temperature:09-mean-  
min
```

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[76] => Array

```
(  
    Name: September mean temperature (mean)  
    Description: Location September mean  
temperature (mean).  
    Descriptor: :environment:temperature:09-mean-  
mean
```

Data type: :type:int

```

Data format: Array
(
    [0] => :type:quantitative
)
)

[77] => Array
(
    Name: September mean temperature (maximum)
    Description: Location September mean
temperature (maximum).
    Descriptor: :environment:temperature:09-mean-
max
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)
)

[78] => Array
(
    Name: September maximum temperature (minimum)
    Description: Location September maximum
temperature (minimum).
    Descriptor: :environment:temperature:09-max-min
    Data type: :type:int
    Data format: Array
(

```

```

[0] => :type:quantitative
)
)
[79] => Array
(
Name: September maximum temperature (mean)
Description: Location September maximum
temperature (mean).
Descriptor: :environment:temperature:09-max-
mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

```

```

[80] => Array
(
Name: September maximum temperature (maximum)
Description: Location September maximum
temperature (maximum).
Descriptor: :environment:temperature:09-max-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

```

```

)

[81] => Array
(
  Name: October minimum temperature (minimum)
  Description: Location October minimum
temperature (minimum).
  Descriptor: :environment:temperature:10-min-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```

[82] => Array
(
  Name: October minimum temperature (mean)
  Description: Location October minimum
temperature (mean).
  Descriptor: :environment:temperature:10-min-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```
[83] => Array
```

```
(
    Name: October minimum temperature (maximum)
    Description: Location October minimum
temperature (maximum).
    Descriptor: :environment:temperature:10-min-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[84] => Array

```
(
    Name: October mean temperature (minimum)
    Description: Location October mean temperature
(minimum).
    Descriptor: :environment:temperature:10-mean-
min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[85] => Array

```
(
    Name: October mean temperature (mean)
```

```
(mean).
Description: Location October mean temperature

Descriptor: :environment:temperature:10-mean-
mean

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
```

```
[86] => Array
```

```
(
    Name: October mean temperature (maximum)
    Description: Location October mean temperature
(maximum).
Descriptor: :environment:temperature:10-mean-
max

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
```

```
[87] => Array
```

```
(
    Name: October maximum temperature (minimum)
    Description: Location October maximum
temperature (minimum).
```

Descriptor: :environment:temperature:10-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[88] => Array

```
(  
  Name: October maximum temperature (mean)  
  Description: Location October maximum  
temperature (mean).  
  Descriptor: :environment:temperature:10-max-  
mean
```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[89] => Array

```
(  
  Name: October maximum temperature (maximum)  
  Description: Location October maximum  
temperature (maximum).  
  Descriptor: :environment:temperature:10-max-max  
  Data type: :type:int
```



```

Data format: Array
    (
        [0] => :type:quantitative
    )
)

[90] => Array
    (
        Name: November minimum temperature (minimum)
        Description: Location November minimum
temperature (minimum).
        Descriptor: :environment:temperature:11-min-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[91] => Array
    (
        Name: November minimum temperature (mean)
        Description: Location November minimum
temperature (mean).
        Descriptor: :environment:temperature:11-min-
mean
        Data type: :type:int
        Data format: Array
            (

```

```

                                [0] => :type:quantitative
                                )
                                )

[92] => Array
    (
        Name: November minimum temperature (maximum)
        Description: Location November minimum
temperature (maximum).
        Descriptor: :environment:temperature:11-min-max
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[93] => Array
    (
        Name: November mean temperature (minimum)
        Description: Location November mean temperature
(minimum).
        Descriptor: :environment:temperature:11-mean-
min
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

```

```

    )
[94] => Array
    (
      Name: November mean temperature (mean)
      Description: Location November mean temperature
(mean) .
      Descriptor: :environment:temperature:11-mean-
mean
      Data type: :type:int
      Data format: Array
      (
        [0] => :type:quantitative
      )
    )
[95] => Array
    (
      Name: November mean temperature (maximum)
      Description: Location November mean temperature
(maximum) .
      Descriptor: :environment:temperature:11-mean-
max
      Data type: :type:int
      Data format: Array
      (
        [0] => :type:quantitative
      )
    )

```

```
[96] => Array
(
  Name: November maximum temperature (minimum)
  Description: Location November maximum
temperature (minimum).
  Descriptor: :environment:temperature:11-max-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[97] => Array
(
  Name: November maximum temperature (mean)
  Description: Location November maximum
temperature (mean).
  Descriptor: :environment:temperature:11-max-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[98] => Array
(
```

```
Name: November maximum temperature (maximum)
Description: Location November maximum
temperature (maximum).
Descriptor: :environment:temperature:11-max-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
```

```
[99] => Array
```

```
(
    Name: December minimum temperature (minimum)
    Description: Location December minimum
    temperature (minimum).
    Descriptor: :environment:temperature:12-min-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

```
[100] => Array
```

```
(
    Name: December minimum temperature (mean)
    Description: Location December minimum
    temperature (mean).
```

```

mean
Descriptor: :environment:temperature:12-min-

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[101] => Array
(
    Name: December minimum temperature (maximum)
    Description: Location December minimum
temperature (maximum).
    Descriptor: :environment:temperature:12-min-max
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)

)

[102] => Array
(
    Name: December mean temperature (minimum)
    Description: Location December mean temperature
(minimum).
    Descriptor: :environment:temperature:12-mean-
min
    Data type: :type:int

```

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[103] => Array

```
(  
    Name: December mean temperature (mean)  
    Description: Location December mean temperature  
(mean).  
    Descriptor: :environment:temperature:12-mean-  
mean
```

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[104] => Array

```
(  
    Name: December mean temperature (maximum)  
    Description: Location December mean temperature  
(maximum).  
    Descriptor: :environment:temperature:12-mean-  
max
```

Data type: :type:int

Data format: Array

```
(
```

```

                                [0] => :type:quantitative
                                )
                                )

[105] => Array
(
    Name: December maximum temperature (minimum)
    Description: Location December maximum
temperature (minimum).
    Descriptor: :environment:temperature:12-max-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[106] => Array
(
    Name: December maximum temperature (mean)
    Description: Location December maximum
temperature (mean).
    Descriptor: :environment:temperature:12-max-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```



```

    )

[107] => Array
    (
        Name: December maximum temperature (maximum)
        Description: Location December maximum
temperature (maximum).
        Descriptor: :environment:temperature:12-max-max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

)

)

[7] => Array
    (
        Name: Bioclimatic variables
        Description: Bioclimatic values of location.
        Descriptor: :environment:bio
        Data type: :type:struct
        [children] => Array
        (
            [0] => Array
                (
                    Name: Annual Mean Temperature
                    Description: Annual mean temperature (C°).

```

```

Descriptor: :environment:bio:01

Data type: :type:int

Data format: Array

(
    [0] => :type:quantitative
)

)

[1] => Array

(
    Name: Mean Diurnal Range

    Description: Mean diurnal range: mean of
monthly (max temp - min temp) (C°).

    Descriptor: :environment:bio:02

    Data type: :type:int

    Data format: Array

    (
        [0] => :type:quantitative
    )

)

[2] => Array

(
    Name: Isothermality

    Description: Isothermality ((Mean Diurnal Range
/ Temperature Annual Range) × 100).

    Descriptor: :environment:bio:03

    Data type: :type:int

    Data format: Array

```

```

(
    [0] => :type:quantitative
)
)

[3] => Array
(
    Name: Temperature Seasonality
    Description: Temperature seasonality (standard
deviation × 100).
    Descriptor: :environment:bio:04
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[4] => Array
(
    Name: Maximum Temperature of Warmest Month
    Description: Maximum temperature of warmest
month (C°).
    Descriptor: :environment:bio:05
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```
)  
  
[5] => Array  
  
(  
  
    Name: Minimum Temperature of Coldest Month  
    Description: Minimum temperature of coldest  
month (C°).  
  
    Descriptor: :environment:bio:06  
    Data type: :type:int  
    Data format: Array  
  
    (  
  
        [0] => :type:quantitative  
  
    )  
  
)
```

```
[6] => Array  
  
(  
  
    Name: Temperature Annual Range  
    Description: Temperature annual range (Maximum  
Temperature of Warmest Month - Minimum Temperature of Coldest Month).  
  
    Descriptor: :environment:bio:07  
    Data type: :type:int  
    Data format: Array  
  
    (  
  
        [0] => :type:quantitative  
  
    )  
  
)
```

```
[7] => Array
```

```
(
    Name: Mean Temperature of Wettest Quarter
    Description: Mean temperature of wettest
quarter (C°).
    Descriptor: :environment:bio:08
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[8] => Array

```
(
    Name: Mean Temperature of Driest Quarter
    Description: Mean temperature of driest quarter
(C°).
    Descriptor: :environment:bio:09
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[9] => Array

```
(
    Name: Mean Temperature of Warmest Quarter
```

quarter (C°). Description: Mean temperature of warmest

Descriptor: :environment:bio:10

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[10] => Array

(

Name: Mean Temperature of Coldest Quarter

quarter (C°). Description: Mean temperature of coldest

Descriptor: :environment:bio:11

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[11] => Array

(

Name: Annual Precipitation

Descriptor: :environment:bio:12

Data type: :type:int

Data format: Array

```

        (
            [0] => :type:quantitative
        )
    )

[12] => Array
    (
        Name: Precipitation of Wettest Month
        Descriptor: :environment:bio:13
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[13] => Array
    (
        Name: Precipitation of Driest Month
        Descriptor: :environment:bio:14
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[14] => Array

```

```
(
  Name: Precipitation Seasonality
  Description: Precipitation seasonality
(Coefficient of Variation).
  Descriptor: :environment:bio:15
  Data type: :type:float
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

[15] => Array

```
(
  Name: Precipitation of Wettest Quarter
  Descriptor: :environment:bio:16
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

[16] => Array

```
(
  Name: Precipitation of Driest Quarter
  Descriptor: :environment:bio:17
  Data type: :type:int
```



```

Data format: Array
  (
    [0] => :type:quantitative
  )
)

[17] => Array
  (
    Name: Precipitation of Warmest Quarter
    Descriptor: :environment:bio:18
    Data type: :type:int
    Data format: Array
      (
        [0] => :type:quantitative
      )
    )
)

[18] => Array
  (
    Name: Precipitation of Coldest Quarter
    Descriptor: :environment:bio:19
    Data type: :type:int
    Data format: Array
      (
        [0] => :type:quantitative
      )
    )
)

```

)

)

[8] => Array
(

Name: Source of environmental data

Description: Information and reference to the source of the environmental data.

Descriptor: :environment:source

Data type: :type:string

Data format: Array

(

[0] => :type:discrete

[1] => :type:full-text-03

)

)

[9] => Array
(

Name: Environment tiles

Description: Number of tiles used in environmental data.

Descriptor: :environment:tiles

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[10] => Array
(

Name: Environment minimum elevation

Description: Minimum elevation of environmental data in meters above sea level.

Descriptor: :environment:elevation-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[11] => Array  
(
```

Name: Environment mean elevation

Description: Mean elevation of environmental data in meters above sea level.

Descriptor: :environment:elevation-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[12] => Array  
(
```

Name: Environment maximum elevation

Description: Maximum elevation of environmental data in meters above sea level.

Descriptor: :environment:elevation-max

Data type: :type:int

Data format: Array

```
(
```

```

    [0] => :type:quantitative
  )
)
[13] => Array
(
Name: Environment minimum distance
Description: Minimum distance of environmental data in meters.
Descriptor: :environment:distance-min
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
[14] => Array
(
Name: Environment mean distance
Description: Mean distance of environmental data in meters.
Descriptor: :environment:distance-mean
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
[15] => Array
(
Name: Environment maximum distance
Description: Maximum distance of environmental data in meters.

```

Descriptor: :environment:distance-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[16] => Array  
(
```

Name: Global Human Footprint

Description: The Global Human Footprint provides an updated map of anthropogenic impacts on the environment in geographic projection which can be used in wildlife conservation planning, natural resource management, and research on human-environment interactions.

Descriptor: :environment:ghf

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
  [1] => :type:list  
)
```

)

)

)

```
[8] => Array
```

```
(
```

Name: Collecting date of

Descriptor: mcpd:COLLDATE

Data type: :type:date

Data format: Array

```
(
```

```
[0] =>
```

sample

:type:quantitative

```
)
```

```

)
[9] => Array
(
    Name: Collecting number
    Description: Original
number assigned by the collector(s) of the sample, normally composed
of the name or initials of the collector(s) followed by a number.
This number is essential for identifying duplicates held in different
collections.
    Descriptor: mcpd:COLLNUMB
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-10
    )
)
[10] => Array
(
    Name: Elevation
    Description: This
attribute holds the location elevation in meters, positive values
indicate above the sea level and negative values indicate below sea
level. For areas, this attribute should hold the mean elevation.
    Descriptor:
:location:site:elevation
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:type:quantitative
    )
)
[11] => Array
(
    Name: Minimum elevation
    Description: This
attribute holds the location minimum elevation in meters, positive
values indicate above the sea level and negative values indicate
below sea level.
    Descriptor:
:location:site:elevation:min
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:type:quantitative
    )
)

```

```

    )
    [12] => Array
    (
        Name: Maximum elevation
        Description: This
attribute holds the location maximum elevation in meters, positive
values indicate above the sea level and negative values indicate
below sea level.
        Descriptor:
:location:site:elevation:max
        Data type: :type:int
        Data format: Array
        (
            [0] =>
:~type:quantitative
        )
    )
    [13] => Array
    (
        Name: Elevation
uncertainty
        Description: This
attribute holds the location elevation uncertainty in meters,
positive values indicate above the sea level and negative values
indicate below sea level.
        Descriptor:
:location:site:elevation:error
        Data type: :type:int
        Data format: Array
        (
            [0] =>
:~type:quantitative
        )
    )
    [14] => Array
    (
        Name: Datum
        Description: Datum of the
projection used to obtain the coordinates. If not provided 'WGS
1984' will be used. A horizontal geodetic datum based on an ellipsoid
that has its origin at the earth's center of mass. Examples are the
World Geodetic System of 1984, the North American Datum of 1983, and
the Geodetic Datum of Australia of 1994. The first uses the WGS84
ellipsoid; the latter two use the GRS80 ellipsoid.
        Descriptor:
:location:site:datum
        Data type: :type:enum
        Data format: Array
        (

```

```

:~type:~categorical
:~type:~full-text-03
:~type:~summary
)
)
[15] => Array
(
  Name: Decimal latitude
  Description: This
  Descriptor:
  attribute holds the location latitude in decimal degrees.
  Data type: :~type:~float
  Data format: Array
  (
    [0] =>
  )
)
:~location:~site:~latitude
:~type:~quantitative
)
[16] => Array
(
  Name: Provided latitude
  Description: This
  Descriptor:
  attribute holds the location latitude as it was provided.
  Data type: :~type:~string
  Data format: Array
  (
    [0] =>
  )
)
:~location:~site:~latitude:~provided
:~type:~discrete
)
[17] => Array
(
  Name: Degrees of latitude
  Description: This
  Descriptor:
  attribute holds the location latitude degrees.
  Data type: :~type:~int
  Data format: Array
  (
    [0] =>
  )
)
:~location:~site:~latitude:~deg
:~type:~quantitative
)

```



```

    )
[18] => Array
    (
        Name: Minutes of latitude
        Description: This
attribute holds the location latitude minutes.
        Descriptor:
:location:site:latitude:min

        Data type: :type:float
        Data format: Array
            (
                [0] =>
:~type:discrete
            )
    )
[19] => Array
    (
        Name: Seconds of latitude
        Description: This
attribute holds the location latitude seconds.
        Descriptor:
:location:site:latitude:sec

        Data type: :type:float
        Data format: Array
            (
                [0] =>
:~type:discrete
            )
    )
[20] => Array
    (
        Name: Latitude hemisphere
        Description: This
attribute holds the location latitude hemisphere, accepted values are
N for North and S for South.
        Descriptor:
:location:site:latitude:hem

        Data type: :type:string
        Data format: Array
            (
                [0] =>
:~type:categorical
            )
    )
[21] => Array
    (
        Name: Latitude
uncertainty
    )

```

```

        Description: This
attribute holds the location latitude uncertainty in meters.
        Descriptor:
:location:site:latitude:error

        Data type: :type:int
        Data format: Array
        (
            [0] =>

:type:quantitative
        )
    )
[22] => Array
    (
        Name: Decimal longitude
        Description: This
attribute holds the location longitude in decimal degrees.
        Descriptor:
:location:site:longitude

        Data type: :type:float
        Data format: Array
        (
            [0] =>

:type:quantitative
        )
    )
[23] => Array
    (
        Name: Provided longitude
        Description: This
attribute holds the location longitude as it was provided.
        Descriptor:
:location:site:longitude:provided

        Data type: :type:string
        Data format: Array
        (
            [0] =>

:type:discrete
        )
    )
[24] => Array
    (
        Name: Degrees of
longitude
        Description: This
attribute holds the location longitude degrees.
        Descriptor:
:location:site:longitude:deg

        Data type: :type:int
        Data format: Array
        (

```

```

[0] =>
:type:quantitative
)
)
[25] => Array
(
Name: Minutes of
Description: This
longitude
attribute holds the location longitude minutes.
Descriptor:
:type:discrete
:location:site:longitude:min
Data type: :type:float
Data format: Array
(
[0] =>
)
)
[26] => Array
(
Name: Seconds of
Description: This
longitude
attribute holds the location longitude seconds.
Descriptor:
:type:discrete
:location:site:longitude:sec
Data type: :type:float
Data format: Array
(
[0] =>
)
)
[27] => Array
(
Name: Longitude
Description: This
hemisphere
attribute holds the location longitude hemisphere, accepted values
are E for East and W for West.
Descriptor:
:type:discrete
:location:site:longitude:hem
Data type: :type:string
Data format: Array
(
[0] =>
)
)
)
)
)
```

```

    )
    [28] => Array
    (
        Name: Longitude
uncertainty
        Description: This
attribute holds the location longitude uncertainty in meters.
        Descriptor:
:location:site:longitude:error
        Data type: :type:int
        Data format: Array
            (
                [0] =>
:~type:quantitative
            )
    )
    [29] => Array
    (
        Name: Maximum error
distance
        Descriptor:
:location:site:error
        Data type: :type:int
        Data format: Array
            (
                [0] =>
:~type:quantitative
            )
    )
    [30] => Array
    (
        Name: Coordinates
restricted
        Description: This
attribute indicates whether the coordinates may or may not be
published.
        Descriptor:
:location:site:coordinates-restricted
        Data type: :type:boolean
        Data format: Array
            (
                [0] =>
:~type:discrete
            )
    )
    [31] => Array
    (
        Name: Continent

```

```

        Description: This
attribute holds the enumerated value describing the location
continent.
        Descriptor:
:location:continent
        Data type: :type:enum
        Data format: Array
        (
                [0] =>
:~type:~categorical
                [1] =>
:~type:~full-text-06
                [2] =>
:~type:~summary
        )
)
[32] => Array
(
        Name: Country
        Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
        Descriptor:
:location:country
        Data type: :type:enum
        Data format: Array
        (
                [0] =>
:~type:~categorical
                [1] =>
:~type:~full-text-06
                [2] =>
:~type:~summary
        )
)
[33] => Array
(
        Name: Administrative unit
        Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
        Descriptor:
:location:admin
        Data type: :type:enum
        Data format: Array
        (
                [0] =>
:~type:~categorical
                [1] =>
:~type:~full-text-06

```

```

                                                [2] =>
:type:summary
                                           )
                                  )
      [34] => Array
          (
              Name: Georeference date
              Descriptor:
:type:location:site:georeference-date
              Data type: :type:date
              Data format: Array
                  (
                      [0] =>
:type:quantitative
                          )
                      )
              )
      [35] => Array
          (
              Name: Georeference
              Descriptor:
              contact
:type:location:site:georeference-contact
              Data type: :type:string
              Data format: Array
                  (
                      [0] =>
:type:discrete
                      [1] =>
:type:full-text-03
                          )
                  )
              )
      [36] => Array
          (
              Name: Georeference source
              Descriptor:
:type:location:site:georeference-source
              Data type: :type:string
              Data format: Array
                  (
                      [0] =>
:type:discrete
                      [1] =>
:type:full-text-03
                          )
                  )
              )
      [37] => Array
          (

```

```

method
:location:site:georeference-method

:type:enumeration
:type:full-text-03
:type:summary

Name: Georeferencing
Descriptor:
Data type: :type:enum
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)

[38] => Array
(
  Name: Georeference tool
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

:location:site:georeference-tool

:type:enumeration
:type:full-text-03

[39] => Array
(
  Name: Georeference
  Description: This
  attribute holds the location georeference latitude in decimal
  degrees.
  Descriptor:
  Data type: :type:float
  Data format: Array
  (
    [0] =>
  )
)

latitude
attribute holds the location georeference latitude in decimal
degrees.

:location:site:georeference-latitude

:type:quantitative

[40] => Array
(
  Name: Georeference
  longitude

```

```

attribute holds the location georeference longitude in decimal
degrees.
:location:site:georeference-longitude
:type:quantitative
>Description: This
Descriptor:
Data type: :type:float
Data format: Array
(
[0] =>
)
)
[41] => Array
(
Name: Georeference error
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)
)
)
[42] => Array
(
Name: Georeference
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
)
)
)
original coordinate
:location:site:georeference-old
:type:discrete
[43] => Array
(
Name: Georeference notes
Descriptor:
Data type: :type:text
Data format: Array
(
[0] =>
[1] =>
)
)
:location:site:georeference-notes
:type:discrete
:type:full-text-03

```



```

)
[44] => Array
(
  Name: Habitat type
  Descriptor: iucn:habitat
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
  )
)
[45] => Array
(
  Name: Habitat type
  Descriptor: iucn:habitat-
score
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
  )
)
[46] => Array
(
  Name: Habitat type
  Descriptor: eec:EUNIS
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
  )
)
)

```

```

[47] => Array
(
    Name: National habitat
unit code
    Descriptor:
:location:site:unit-code
    Data type: :type:string
    Data format: Array
        (
            [0] =>
            [1] =>
        )
    )
)

[48] => Array
(
    Name: National habitat
unit description
    Descriptor:
:location:site:unit-descr
    Data type: :type:string
    Data format: Array
        (
            [0] =>
            [1] =>
        )
    )
)

[49] => Array
(
    Name: National habitat
unit authority file
    Description: Authority
file to which the habitat refers.
    Descriptor:
:location:site:unit-file
    Data type: :type:string
    Data format: Array
        (
            [0] =>
            [1] =>
        )
    )
)

[50] => Array
(

```

```

unit authority file version
authority file used.
:location:site:unit-file-vers

:type:discrete
:type:full-text-03

Name: National habitat
Description: Version of
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[51] => Array
(
    Name: Land element and
    Description: Description
of the geomorphology of the immediate surroundings of the collecting
site (adapted from FAO, 1990).
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
[52] => Array
(
    Name: Land slope
    Description: Estimated
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
[53] => Array

```

```

(
    Name: Land slope aspect
    Description: The
direction that the slope faces, with symbols N, S, E, W (e.g. a slope
that faces a south-western direction has an aspect of SW).
    Descriptor:
:location:site:slope:aspect

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:categorycal
    )
)

[54] => Array
(
    Name: Site identifier
    Description: This
attribute holds the unique identifier of the site.
    Descriptor:
:location:site:id

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>

:type:discrete
:type:full-text-06
    )
)

[55] => Array
(
    Name: Site notes
    Descriptor:
:location:site:notes

    Data type: :type:text
    Data format: Array
    (
        [0] =>
        [1] =>

:type:discrete
:type:full-text-03
    )
)

[56] => Array
(
    Name: Region
    Description: This
attribute holds the region name.

```

```

:location:region
:type:discrete
:type:full-text-06
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[57] => Array
(
    Name: Primary
    Description: This
    administrative unit
    attribute holds the name of the primary administrative unit below the
    country.
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
[58] => Array
(
    Name: Secondary
    Description: This
    administrative unit
    attribute holds the name of the secondary administrative unit below
    the primary administrative unit.
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

```

```

[59] => Array
(
    Name: Lowest
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
administrative unit
attribute holds the name of the lowest administrative unit, or local
name of the location.
:location:admin-3
:type:categorycal
:type:full-text-06

[60] => Array
(
    Name: Locality
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
:location:locality
:type:discrete
:type:full-text-06

[61] => Array
(
    Name: Soil texture
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
:location:site:texture
:type:categorycal
:type:full-text-03
:type:summary

```

```

)
[62] => Array
(
Name: Soil moisture
Description: Moisture
Descriptor:
Data type: :type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
conditions prevailing in the soil.
:location:site:moisture
:type:ategorical
:type:full-text-03
:type:summary

[63] => Array
(
Name: Soil Ph.
Descriptor:
Data type: :type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:location:site:ph
:type:ategorical
:type:full-text-03
:type:summary

[64] => Array
(
Name: Soil acidity value
Description: Actual
Descriptor:
Data type: :type:float
Data format: Array
(
[0] =>
)
)
measurement of soil acidity at related depth.
:location:site:ph:value
:type:quantitative
)

```

```

[65] => Array
(
    Name: Ph. measurement
depth
    Description: Depth in
centimetres at which soil acidity condition was recorded.
    Descriptor:
:location:site:ph:depth
    Data type: :type:int
    Data format: Array
        (
            [0] =>
:~type:quantitative
        )
    )

[66] => Array
(
    Name: Soil salinity
:location:site:salt
    Descriptor:
    Data type: :type:enum
    Data format: Array
        (
            [0] =>
:~type:categorical
            [1] =>
:~type:full-text-03
            [2] =>
:~type:summary
        )
    )

[67] => Array
(
    Name: Soil acidity value
measurement of soil salinity in ppm at related depth.
    Description: Actual
    Descriptor:
:location:site:salt:value
    Data type: :type:float
    Data format: Array
        (
            [0] =>
:~type:quantitative
        )
    )

[68] => Array
(
    Name: Salinity
measurement depth

```



```

centimetres at which soil salinity condition was recorded.
Description: Depth in
Descriptor:
:location:site:salt:depth
Data type: :type:int
Data format: Array
(
[0] =>
:type:quantitative
)
)
)
)
)
)
)
)
)
[94] => Array
(
Name: Management
Description: Information about the management
of the accession.
Descriptor: :domain:accession:management
Data type: :type:struct
[children] => Array
(
[0] => Array
(
Name: Last regeneration
Description: This
attribute holds the information or date regarding the sample last re-
generation.
Descriptor:
:germplasm:last-gen
Data type: :type:string
Data format: Array
(
[0] =>
:type:discrete
)
)
)
)
)
[1] => Array
(
Name: Safety duplicats
Description: List of
sample safety duplicates information.
Descriptor:
:germplasm:safety
Data type: :type:struct
Data format: Array
(
[0] =>
:type:list
)
)
)

```

```
[children] => Array
(
  [0] => Array
  (
```

Name: Institute

Description: This attribute holds a reference to the institute.

Descriptor: :inventory:institute

Data type: :type:ref:unit

```
)
```

```
[1] => Array
(
```

Name: Germplasm identifier

Description: This attribute holds the unique identifier of the germplasm.

Descriptor: :germplasm:identifier

Data type: :type:string

Data format: Array

```
(
```

```
[0] => :type:discrete
```

```
[1] => :type:full-text-06
```

```
)
```

```
)
```

```
[2] => Array
(
```

Name: Accession number

Description: This code serves as a unique identifier for accessions within a genbank collection, and is assigned when a sample is entered into the genbank collection.

Descriptor: mcpd:ACCENUMB

Data type: :type:string

Data format: Array

```
(
```

```

    [0] => :type:discrete
    [1] => :type:full-text-10
)
)
[3] => Array
(

```

Name: Location of safety duplicates

Description: The FAO/WIEWS code of the institute holding the accession safety duplicates.

Descriptor: mcpd:DUPLSITE

Data type: :type:string

Data format: Array

```

(
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
)

```

```

)
[4] => Array
(

```

Name: Safety duplication location names

Descriptor: mcpd:DUPLDESCR

Data type: :type:string

Data format: Array

```

(
    [0] => :type:discrete
    [1] => :type:full-text-03
)

```

```
)
```

```
[5] => Array
      (
```

```
Name: Structure label
```

```
Description: This attribute holds a string which is used to
identify a structure in a list of structures that do not contain a
field which can be used for this purpose.
```

```
Descriptor: :struct-label
```

```
Data type: :type:string
```

```
Data format: Array
```

```
(
  [0] => :type:discrete
  [1] => :type:private-search
  [2] => :type:private-modify
  [3] => :type:private-display
)
```

```
)
```

```
)
```

```
)
```

```
[2] => Array
```

```
(
```

```
Name: Other
```

```
identification associated with the accession
```

```
Description: Any other
identification known to exist in other collections for this
accession. Use the following system: INSTCODE:ACCENUMB. When the
institute is not known, the number should be preceded by a colon.
```

```
Descriptor:
```

```
mcpd:OTHERNUMB
```

```
Data type: :type:string
```

```
Data format: Array
```

```
(
```

```
[0] =>
```

```
:type:discrete
```

```
[1] =>
```

```
:type:full-text-06
```

```
)
```

```
)
```

```
[3] => Array
```

```
(
```

```

Name: Acquisition date
Description: Date on
which the accession entered the collection.
Descriptor: mcpd:ACQDATE
Data type: :type:date
Data format: Array
(
    [0] =>
:type:quantitative
)
)
[4] => Array
(
    Name: Type of germplasm
storage
    Description: The
procedure by which the germplasm is maintained.
Descriptor: mcpd:STORAGE
Data type: :type:enum-set
Data format: Array
(
    [0] =>
:type:categoryal
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[5] => Array
(
    Name: Sample storage type
notes
    Description: This
attribute holds notes regarding the sample storage.
Descriptor:
mcpd:STORAGE:NOTES
    Data type: :type:text
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-03
)
)
[6] => Array
(
    Name: Availability

```

status indicating the accession availability. Description: The coded

mcpd:AVAILABLE Descriptor:

Data type: :type:enum
Data format: Array

(
[0] =>
:type:categorical
[1] =>
:type:full-text-03
[2] =>
:type:summary
)

)

)

)

[95] => Array
(

Name: Source
Description: Information about the source of

the accession.

Descriptor: :domain:accession:source
Data type: :type:struct

[children] => Array
(

[0] => Array
(

Name: Institute
Description: This

attribute holds a reference to the institute.
Descriptor:

:inventory:institute
Data type: :type:ref:unit

)

[1] => Array
(

Name:
Descriptor: mcpd:COLLSRC

Data type: :type:enum
Data format: Array

(

[0] =>
:type:categorical

[1] =>
:type:full-text-03

[2] =>
:type:summary

)

```

    )
    [2] => Array
    (
        Name: Biological status
of accession
        Descriptor: mcpd:SAMPSTAT
        Data type: :type:enum
        Data format: Array
        (
            [0] =>
:type:categorycal
            [1] =>
:type:full-text-03
            [2] =>
:type:summary
        )
    )
    [3] => Array
    (
        Name: Donor institute
        Description: The
        Descriptor:
        Data type: :type:string
        Data format: Array
        (
            [0] =>
FAO/WIEWS code of the institute which donated the accession.
mcpd:DONORCODE
            [1] =>
:type:categorycal
            [2] =>
:type:full-text-06
:type:summary
        )
    )
    [4] => Array
    (
        Name: Donor institute
name
        Descriptor:
        Data type: :type:string
        Data format: Array
        (
            [0] =>
mcpd:DONORDESCR
            [1] =>
:type:discrete
:type:full-text-03
        )
    )

```

```

[5] => Array
(
    Name: Donor accession
    Description: Number
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

number
assigned to an accession by the donor.
mcpd:DONORNUMB

:type:discrete
:type:full-text-03

[6] => Array
(
    Name: Entity acronyms
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

attribute holds the list of acronyms used by the entity.
:entity:acronym

:type:categorycal
:type:list
:type:full-text-10

[7] => Array
(
    Name: Entity internet
    Description: This
    Descriptor: :entity:url
    Data type: :type:typed-
    Data format: Array
    (
        [0] =>
    )
)

addresses
attribute holds the entity list of internet addresses discriminated
by type.

list

:type:discrete

```



```

)
[8] => Array
(
    Name: Authentication code
    Description: This
attribute holds a string which identifies the entity credentials used
to authenticate with the service.
    Descriptor:
:connection:code
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:discrete
        [1] =>
:~type:private-search
        [2] =>
:~type:private-display
    )
)
[9] => Array
(
    Name: Authentication
password
    Description: This
attribute holds a string which validates the entity credentials used
to authenticate with the service.
    Descriptor:
:connection:pass
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:discrete
        [1] =>
:~type:private-search
        [2] =>
:~type:private-display
    )
)
[10] => Array
(
    Name: Entity first name
    Description: This
attribute holds a string representing the first name of the entity.
    Descriptor: :entity:fname
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:discrete
    )
)

```

```

:~type:full-text-06
[1] =>
)
)
[11] => Array
(
Name: Entity last name
Description: This
attribute holds a string representing the last name of the entity.
Descriptor: :entity:lname
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[12] => Array
(
Name: Name
Description: This
attribute holds a string representing the name of the object. This is
generally the way humans refer to the object and it is not related to
a specific language.
Descriptor: :name
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[13] => Array
(
Name: Entity identifier
Description: This
attribute holds a string representing the identification code of the
entity.
Descriptor:
:entity:identifier
Data type: :type:string
Data format: Array
(
[0] =>
:~type:discrete

```

```

:~type:full-text-10
[1] =>
)
)
[14] => Array
(
Name: Entity type
Description: This
attribute holds an enumerated set describing the various types of the
holding entity.
Descriptor: :~type:entity
Data type: :~type:enum-set
Data format: Array
(
[0] =>
:~type:~categorical
[1] =>
:~type:full-text-03
[2] =>
:~type:summary
)
)
[15] => Array
(
Name: Entity kind
Description: This
attribute holds an enumerated set describing the various kinds of the
holding entity.
Descriptor: :~kind:entity
Data type: :~type:enum-set
Data format: Array
(
[0] =>
:~type:~categorical
[1] =>
:~type:full-text-03
[2] =>
:~type:summary
)
)
[16] => Array
(
Name: Entity mailing
addresses
Description: This
attribute holds the entity list of mailing addresses discriminated by
type.
Descriptor: :~entity:mail
Data type: :~type:typed-
list

```

```

Data format: Array
    (
        [0] =>
:type:discrete
    )
)
[17] => Array
    (
        Name: Entity electronic
mail addresses
        Description: This
attribute holds the entity list of e-mail addresses discriminated by
type.
        Descriptor: :entity:email
Data type: :type:typed-
list
        Data format: Array
    (
        [0] =>
:type:discrete
    )
)
[18] => Array
    (
        Name: Entity telephone
numbers
        Description: This
attribute holds the entity list of telephone numbers discriminated by
type.
        Descriptor: :entity:phone
Data type: :type:typed-
list
        Data format: Array
    (
        [0] =>
:type:discrete
    )
)
[19] => Array
    (
        Name: Entity telefax
numbers
        Description: This
attribute holds the entity list of telefax numbers discriminated by
type.
        Descriptor: :entity:fax
Data type: :type:typed-
list
        Data format: Array
    (

```

```

:~type:discrete
[0] =>
)
)
[20] => Array
(
Name: Entity telex
Description: This
attribute holds the entity list of telex codes discriminated by type.
Descriptor: :entity:tlx
Data type: :type:typed-
list
Data format: Array
(
[0] =>
)
)
[21] => Array
(
Name: Affiliation
Description: This
attribute holds the list of entities to which the current object is
affiliated, discriminated by type.
Descriptor:
:entity:affiliation
Data type: :type:typed-
list
Data format: Array
(
[0] =>
)
)
[22] => Array
(
Name: Entity nationality
Description: This
attribute holds the nationality of the entity, this is expressed as
an ISO country code.
Descriptor:
:entity:nationality
Data type: :type:enum
Data format: Array
(
[0] =>
[1] =>
:~type:~categorical
:~type:~full-text-03

```

```

:~type:summary
[2] =>
)
)
[23] => Array
(
Name: Valid entity
Description: This
attribute holds the reference to the valid, current or preferred
entity. This is used to keep track of historical entity records when
these entities become obsolete or defunct.
Descriptor: :entity:valid
Data type: :type:ref:self
Data format: Array
(
[0] =>
)
)
)
[24] => Array
(
Name: Institute
Description: This
attribute holds a reference to the institute.
Descriptor:
:inventory:institute
Data type: :type:ref:unit
)
)
)
[96] => Array
(
Name: Status
Description: Information about the status of
the accession.
Descriptor: :domain:accession:status
Data type: :type:struct
[children] => Array
(
[0] => Array
(
Name: MLS Status
Description: The coded
status of an accession with regards to the Multilateral System (MLS)
of the International Treaty on Plant Genetic Resources for Food and
Agriculture. Provides the information, whether the accession is
included in the MLS.
Descriptor: mcpd:MLSSTAT
Data type: :type:enum
)
)
)
)
)

```

```

Data format: Array
(
  [0] =>
:type:categorical
  [1] =>
:type:full-text-03
  [2] =>
:type:summary
)

[1] => Array
(
  Name: AEGIS Status
  Description: The coded
status of an accession with regards to the European Genebank
Integrated System (AEGIS). Provides the information, whether the
accession is conserved for AEGIS.
  Descriptor:
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
:type:categorical
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
  )
)
)
)
)
)

```

Checklist

Checklist (descriptive format)

```
[node] => 32185
Name: Crop wild relatives checklist
Description: This structure contains all default properties of a crop
wild relative checklist.
[children] => Array
  (
    [0] => Array
      (
        Name: Institute code
        Description: FAO WIEWS code of the institute
that is responsible for the production of the National CWR checklist
or inventory.
        Descriptor: cwr:INSTCODE
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:discrete
            [1] => :type:full-text-10
          )
        )
    [1] => Array
      (
        Name: References
        Description: Any bibliographic references
related to the publication, the format should include the author,
date, title, journal, volume and page number or the DOI number.
        Descriptor: cwr:REF
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:discrete
            [1] => :type:list
            [2] => :type:full-text-03
          )
        )
    [2] => Array
      (
        Name: URL links
        Description: URL linking to any additional data
about the species either in the institute or from another source.
        Descriptor: cwr:URL
        Data type: :type:url
        Data format: Array
          (
            [0] => :type:discrete
          )
        )
      )
  )
```



```

[3] => Array
  (
    Name: Endemism
    Descriptor: cwr:ENDEMISM
    Data type: :type:enum
    Data format: Array
      (
        [0] => :type:categorical
      )
  )

[4] => Array
  (
    Name: Remarks
    Descriptor: cwr:REMARKS
    Data type: :type:text
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
  )

[5] => Array
  (
    Name: National CWR checklist code
    Description: Code identifying the National CWR
checklist.

    Descriptor: cwr:ck:CWRCODE
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-10
      )
  )

[6] => Array
  (
    Name: National CWR checklist edition number
    Description: Code identifying the edition of
the National CWR checklist made up of the edition number and the year
of publication.

    Descriptor: cwr:ck:NUMB
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-10
      )
  )

```

```

[7] => Array
  (
    Name: Type of checklist
    Descriptor: cwr:ck:TYPE
    Data type: :type:enum
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[8] => Array
  (
    Name: Taxon distribution
    Descriptor: :taxon:distribution
    Data type: :type:struct
    Data format: Array
      (
        [0] => :type:list
      )

    [children] => Array
      (
        [0] => Array
          (
            Name: Occurrence status
            Descriptor:

:taxon:occurrence-status

            Data type: :type:enum-set
            Data format: Array
              (
                [0] =>
:type:categorical
                [1] =>
:type:full-text-06
                [2] =>
:type:summary
              )
          )

        [1] => Array
          (
            Name: Occurrence notes
            Description: Notes on
            Descriptor:

taxon occurrence or status.

:taxon:occurrence-notes

            Data type: :type:text
            Data format: Array
              (

```

```

: type: discrete
: type: full-text-03
)
)
[2] => Array
(
Name: Distribution notes
Description: Notes on
Descriptor:
Data type: : type: text
Data format: Array
(
[0] =>
[1] =>
)
)
)
[3] => Array
(
Name: Economic Value of
Descriptor:
Data type: : type: string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
)
[4] => Array
(
Name: Economic value
Descriptor:
Data type: : type: string
Data format: Array
(
[0] =>

```

taxon geographic distribution.

: taxon: distribution: notes

: type: discrete

: type: full-text-03

the Related Crop

: taxon: ecovalue

: type: discrete

: type: list

: type: full-text-03

ranking in country

: taxon: ecovalue: rank

: type: discrete

```

:taxon:full-text-03
[1] =>
)
)
[5] => Array
(
Name: Economic Value of
the Related Crop reference
Description: Citation of
reference source for the economic value of the related crop or any
bibliographic references related to the publication of the economic
value, the format should include the author, date, title, journal,
volume and page number or the DOI number.
Descriptor:
Data type: :type:text
Data format: Array
(
[0] =>
[1] =>
)
)
[6] => Array
(
Name: Continent
Description: This
attribute holds the enumerated value describing the location
continent.
Descriptor:
Data type: :type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
[7] => Array
(
Name: Country
Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.

```

```

:location:country
:location:admin
:location:region

:type:discrete
:type:full-text-06
:type:summary
:type:categoryical
:type:full-text-06
:type:summary
:type:categoryical
:type:full-text-06
:type:summary

```

Descriptor:

Data type: :type:enum
Data format: Array

```

(
    [0] =>
    [1] =>
    [2] =>
)
)

```

[8] => Array

```

(
    Name: Administrative unit
    Description: This

```

attribute holds the enumerated value describing the administrative unit of the location, the code can describe either a continent, country or country subdivision.

Descriptor:

Data type: :type:enum
Data format: Array

```

(
    [0] =>
    [1] =>
    [2] =>
)
)

```

[9] => Array

```

(
    Name: Region
    Description: This

```

Descriptor:

Data type: :type:string
Data format: Array

```

(
    [0] =>
    [1] =>
)
)

```

[10] => Array

```

(
    Name: Primary
    Description: This
administrative unit attribute holds the name of the primary administrative unit below the
country.
    Descriptor:
:location:admin-1
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
            [2] =>
:~type:~summary
        )
    )

```

```

[11] => Array
(

```

```

    Name: Secondary
    Description: This
administrative unit attribute holds the name of the secondary administrative unit below
the primary administrative unit.
    Descriptor:
:location:admin-2
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
            [2] =>
:~type:~summary
        )
    )

```

```

[12] => Array
(

```

```

    Name: Lowest
    Description: This
administrative unit attribute holds the name of the lowest administrative unit, or local
name of the location.
    Descriptor:
:location:admin-3
    Data type: :type:string
    Data format: Array
        (

```

```

:~type:~categorical
:~type:~full-text-06
)
)
[13] => Array
(
  Name: Locality
  Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
  Descriptor:
:~location:~locality
  Data type: :~type:string
  Data format: Array
(
  [0] =>
  [1] =>
)
)
)
)
[9] => Array
(
  Name: Conservation
  Description: Taxon conservation actions.
  Descriptor: :~taxon:~conservation
  Data type: :~type:~struct
  Data format: Array
(
  [0] => :~type:~list
)
[children] => Array
(
  [0] => Array
(
  Name: Conservation
  Descriptor:
  Data type: :~type:~enum-set
  Data format: Array
(
  [0] =>
:~type:~categorical

```

```

:~type:full-text-03
:~type:summary
)
)
[1] => Array
(
Name: Conservation
Descriptor:
Data type: :~type:enum
Data format: Array
(
[0] =>
[1] =>
)
)
[2] => Array
(
Name: Legislation types
Description: Type of
Descriptor:
Data type: :~type:enum-set
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
[3] => Array
(
Name: Continent
Description: This
attribute holds the enumerated value describing the location
continent.
Descriptor:
Data type: :~type:enum
Data format: Array
(

```



```

[0] =>
:type:categorical
[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)
[4] => Array
(
  Name: Country
  Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
  Descriptor:
:type:enum
Data format: Array
(
  [0] =>
:type:categorical
  [1] =>
:type:full-text-06
  [2] =>
:type:summary
)
)
[5] => Array
(
  Name: Administrative unit
  Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
  Descriptor:
:type:enum
Data format: Array
(
  [0] =>
:type:categorical
  [1] =>
:type:full-text-06
  [2] =>
:type:summary
)
)
[6] => Array
(
  Name: Region
```

```

attribute holds the region name.
:location:region
:type:discrete
:type:full-text-06
Description: This
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[7] => Array
(
    Name: Primary
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
administrative unit
attribute holds the name of the primary administrative unit below the
country.
:location:admin-1
:type:categorycal
:type:full-text-06
:type:summary
Name: Primary
Description: This
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
[8] => Array
(
    Name: Secondary
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
administrative unit
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
:location:admin-2
:type:categorycal
:type:full-text-06
:type:summary
Name: Secondary
Description: This
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)

```

```

    )
    [9] => Array
    (
        Name: Lowest
administrative unit
        Description: This
attribute holds the name of the lowest administrative unit, or local
name of the location.
        Descriptor:
:location:admin-3
        Data type: :type:string
Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
        )
    )
    [10] => Array
    (
        Name: Locality
        Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
        Descriptor:
:location:locality
        Data type: :type:string
Data format: Array
        (
            [0] =>
:~type:~discrete
            [1] =>
:~type:~full-text-06
        )
    )
)
)
[10] => Array
(
    Name: Threats
    Description: Taxon threatened status.
    Descriptor: :taxon:threat
    Data type: :type:struct
    Data format: Array
    (
        [0] => :type:list
    )
)

```

```

)
[children] => Array
(
  [0] => Array
    (
      Name: Red list category
      Descriptor: iucn:category
      Data type: :type:enum-set
      Data format: Array
      (
        [0] =>
          :type:categorical
        [1] =>
          :type:full-text-03
        [2] =>
          :type:summary
      )
    )
  [1] => Array
    (
      Name: Red list criteria
      Descriptor: iucn:criteria
      Data type: :type:enum-set
      Data format: Array
      (
        [0] =>
          :type:categorical
        [1] =>
          :type:full-text-03
        [2] =>
          :type:summary
      )
    )
  [2] => Array
    (
      Name: Red list criteria
      Descriptor:
      Data type: :type:string
      Data format: Array
      (
        [0] =>
          citation
        [1] =>
          iucn:criteria-citation
      )
    )
  [3] => Array

```

```

(
  Name: Threats
  Descriptor: iucn:threat
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
  )
  )
)
[4] => Array
(
  Name: NatureServe threat
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
  )
)
[5] => Array
(
  Name: Occurrence status
  Descriptor:
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
  )
)
[6] => Array
(
  Name: Red list assessment
  level

```

```

:taxon:threat:assessment
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
:type:categoryal
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[7] => Array
(
    Name: Other Red List
    Description: Red List
categories and criteria
category, criteria and subcriteria that apply to the taxon as a
result of the Red listing process using the alternative system, if
the taxon has not been assessed using the IUCN Red List Categories
and Criteria Version 3.1.
Descriptor:
:taxon:threat:other-red-list-criteria
Data type: :type:string
Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-03
)
)
[8] => Array
(
    Name: Year of IUCN Red
List assessment
    Description: Year in
which Red List assessment was carried out [YYYY].
Descriptor:
:taxon:threat:assessment:year
Data type: :type:int
Data format: Array
(
    [0] =>
:type:quantitative
)
)
[9] => Array
(

```

```

Name: URL publication
details of Red List assessment
Description: URL linking
to the additional Red List assessment publication details.
Descriptor:
:taxon:threat:assessment:url
Data type: :type:url
Data format: Array
(
    [0] =>
:type:discrete
)
)
[10] => Array
(
Name: References details
of Red List assessment
Description: Any
bibliographic references related to the publication of the checklist,
the format should include the author, date, title, journal, volume
and page number or the DOI number.
Descriptor:
:taxon:threat:assessment:ref
Data type: :type:string
Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:list
)
)
[11] => Array
(
Name: Threaten status
according to national criteria
Description: Threat
status according to national criteria.
Descriptor:
:taxon:threat:national
Data type: :type:string
Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-03
)
)
[12] => Array

```

```

(
  Name: National unit code
  Descriptor:
:taxon:threat:national:ucode
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
)
[13] => Array
(
  Name: National unit
  Descriptor:
description
:taxon:threat:national:udescr
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
)
[14] => Array
(
  Name: National unit
  Descriptor:
authority
:taxon:threat:national:uauth
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
)
[15] => Array
(
  Name: Year of national
  Descriptor:
red list assessment
:taxon:threat:national:year
  Data type: :type:year

```



```

Data format: Array
(
    [0] =>
:type:quantitative
)
)
[16] => Array
(
    Name: Period of
    Descriptor:
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
:type:summary
:type:categorical
:type:full-text-03
:type:taxon:threat:period
    )
)
[17] => Array
(
    Name: Continent
    Description: This
attribute holds the enumerated value describing the location
continent.
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
:type:summary
:type:full-text-06
:type:categorical
    )
)
[18] => Array
(
    Name: Country
    Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
    Descriptor:
    :location:country
)

```

```

Data type: :type:enum
Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)
[19] => Array
    (
        Name: Administrative unit
        Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
        Descriptor:
:~location:~admin
        Data type: :type:enum
        Data format: Array
            (
                [0] =>
:~type:~categorical
                [1] =>
:~type:~full-text-06
                [2] =>
:~type:~summary
            )
        )
[20] => Array
    (
        Name: Region
        Description: This
attribute holds the region name.
        Descriptor:
:~location:~region
        Data type: :type:string
        Data format: Array
            (
                [0] =>
:~type:~discrete
                [1] =>
:~type:~full-text-06
            )
        )
[21] => Array
    (

```

```

Name: Primary
administrative unit
Description: This
attribute holds the name of the primary administrative unit below the
country.
Descriptor:
:location:admin-1
Data type: :type:string
Data format: Array
(
[0] =>
:type:categoryal
[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)

```

```
[22] => Array
(
```

```

Name: Secondary
administrative unit
Description: This
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
Descriptor:
:location:admin-2
Data type: :type:string
Data format: Array
(
[0] =>
:type:categoryal
[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)

```

```
[23] => Array
(
```

```

Name: Lowest
administrative unit
Description: This
attribute holds the name of the lowest administrative unit, or local
name of the location.
Descriptor:
:location:admin-3
Data type: :type:string
Data format: Array
(
[0] =>
:type:categoryal
)
)

```

```

:~type:full-text-06
[1] =>
)
)
[24] => Array
(
Name: Locality
Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
Descriptor:
:location:locality
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
)
)
)
)
[11] => Array
(
Name: Crossability
Description: Crossability attributes.
Descriptor: :~taxon:cross
Data type: :~type:struct
Data format: Array
(
[0] => :~type:list
)
[children] => Array
(
[0] => Array
(
Name: List of species
Descriptor:
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
)
)
crosses
:~taxon:cross:species
:~type:categorical
:~type:list

```

```

:taxon:cross:methods
crosses
:taxon:cross:methods
:taxon:cross:references
crosses
:taxon:cross:success
crosses

[2] =>
)
)
[1] => Array
(
Name: Methods used for
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
[2] => Array
(
Name: Cross references
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
[3] => Array
(
Name: Success rate of
Description: Percentage
(%) or evaluation of success rate for crosses.
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>

```

```

)
)
[4] => Array
(
    Name: Population type
    Description: Type of
cross population.
    Descriptor:
:taxon:cross:population
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:taxon:cross:population
        )
)
)
)
[12] => Array
(
    Name: Superclass
    Descriptor: :taxon:superclassis
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
)
[13] => Array
(
    Name: Class
    Descriptor: :taxon:classis
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
)
[14] => Array
(
    Name: Subclass
    Descriptor: :taxon:subclassis

```

```

Data type: :type:string
Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[15] => Array
  (
    Name: Infraclass
    Descriptor: :taxon:infraclassis
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
[16] => Array
  (
    Name: Parvclass
    Descriptor: :taxon:parvclassis
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
[17] => Array
  (
    Name: Superfamily
    Descriptor: :taxon:superfamilia
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
[18] => Array
  (
    Name: Family
    Descriptor: :taxon:familia

```

```

Data type: :type:string
Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[19] => Array
  (
    Name: Family authority
    Descriptor: :taxon:familia:author
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
[20] => Array
  (
    Name: Subfamily
    Descriptor: :taxon:subfamilia
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
[21] => Array
  (
    Name: Genus
    Descriptor: :taxon:genus
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
[22] => Array
  (
    Name: Genus authority
    Descriptor: :taxon:genus:author
    Data type: :type:string

```



```

        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[23] => Array
    (
        Name: Subgenus
        Descriptor: :taxon:subgenus
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[24] => Array
    (
        Name: Section
        Descriptor: :taxon:sectio
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[25] => Array
    (
        Name: Series
        Descriptor: :taxon:series
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[26] => Array
    (
        Name: Variety
        Descriptor: :taxon:varietas
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )

```

```

    )
  )
[27] => Array
  (
    Name: Variety authority
    Descriptor: :taxon:varietas:author
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
[28] => Array
  (
    Name: Form
    Descriptor: :taxon:forma
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
[29] => Array
  (
    Name: Form authority
    Descriptor: :taxon:forma:author
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
[30] => Array
  (
    Name: Domain
    Descriptor: :taxon:superregnum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

```

```

[31] => Array
  (
    Name: Kingdom
    Descriptor: :taxon:regnum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[32] => Array
  (
    Name: Subkingdom
    Descriptor: :taxon:subregnum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[33] => Array
  (
    Name: Infrakingdom or Branch
    Descriptor: :taxon:infraregnum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[34] => Array
  (
    Name: Legion
    Descriptor: :taxon:legio
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

```

```

[35] => Array
  (
    Name: Cohort
    Descriptor: :taxon:cohors
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[36] => Array
  (
    Name: Magnorder or Megaorder
    Descriptor: :taxon:magnordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[37] => Array
  (
    Name: Superorder
    Descriptor: :taxon:superordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[38] => Array
  (
    Name: Grandorder
    Descriptor: :taxon:grandordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

```

```

[39] => Array
  (
    Name: Grandorder
    Descriptor: :taxon:mirordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[40] => Array
  (
    Name: Order
    Descriptor: :taxon:ordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[41] => Array
  (
    Name: Suborder
    Descriptor: :taxon:subordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[42] => Array
  (
    Name: Infraorder
    Descriptor: :taxon:infraordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

```

```

[43] => Array
(
  Name: Parvorder
  Descriptor: :taxon:parvordo
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[44] => Array
(
  Name: Superphylum or Superdivision
  Descriptor: :taxon:superphylum
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[45] => Array
(
  Name: Phylum or Division
  Descriptor: :taxon:phylum
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[46] => Array
(
  Name: Subphylum
  Descriptor: :taxon:subphylum
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

```

```

[47] => Array
  (
    Name: Infraphylum
    Descriptor: :taxon:infraphylum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[48] => Array
  (
    Name: Microphylum
    Descriptor: :taxon:microphylum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[49] => Array
  (
    Name: Superspecies
    Descriptor: :taxon:superspecies
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
)

[50] => Array
  (
    Name: Species
    Descriptor: :taxon:species
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
)

[51] => Array

```

```

(
  Name: Species authority
  Descriptor: :taxon:species:author
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:discrete
      [1] => :type:full-text-03
    )
)

[52] => Array
(
  Name: Subspecies
  Descriptor: :taxon:subspecies
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
    )
)

[53] => Array
(
  Name: Subspecies authority
  Descriptor: :taxon:subspecies:author
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:discrete
      [1] => :type:full-text-03
    )
)

[54] => Array
(
  Name: Supertribe
  Descriptor: :taxon:supertribus
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[55] => Array
(
  Name: Tribe
  Descriptor: :taxon:tribus

```



```

        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[56] => Array
    (
        Name: Subtribe
        Descriptor: :taxon:subtribus
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[57] => Array
    (
        Name: Taxonomic rank
        Description: This attribute holds the
enumerated value describing the rank or position in the taxonomic
hierarchy.
        Descriptor: :taxon:rank
        Data type: :type:enum
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[58] => Array
    (
        Name: Crop
        Descriptor: :taxon:crop
        Data type: :type:enum
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
    )
[59] => Array
    (

```

```

Name: Chromosome number
Descriptor: :taxon:chromosome-number
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:list
        [2] => :type:full-text-03
    )
)

[60] => Array
    (
        Name: Gene Pool
        Descriptor: :taxon:genepool
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-03
            )
    )

[61] => Array
    (
        Name: Gene Pool reference
        Descriptor: :taxon:genepool-ref
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
            )
    )

[62] => Array
    (
        Name: Taxon group
        Descriptor: :taxon:group
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-03
            )
    )

[63] => Array
    (
        Name: Taxon group reference

```

```

Descriptor: :taxon:group-ref
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)

[64] => Array
    (
        Name: GP/TG group concept
        Descriptor: :taxon:gp/tg
        Data type: :type:text
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
            )
    )

[65] => Array
    (
        Name: Taxon sub-group
        Descriptor: :taxon:sub-group
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-03
            )
    )

[66] => Array
    (
        Name: Taxon sub-group reference
        Descriptor: :taxon:sub-group-ref
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
            )
    )

[67] => Array
    (
        Name: Taxon designation
        Description: Type of taxon.
        Descriptor: :taxon:designation
        Data type: :type:string
    )

```

```

        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[68] => Array
    (
        Name: Taxon designation references
        Description: Database, literature or personal
communication reference for listing of taxon as a crop wild relative
or wild utilised species.
        Descriptor: :taxon:designation:ref
        Data type: :type:text
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[69] => Array
    (
        Name: Taxon national designation
        Descriptor: :taxon:designation:national
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
        )
    )
[70] => Array
    (
        Name: Taxon primary or prioritised uses
        Description: Designation of the primary or
prioritized use of the associated crop or the wild utilised species
taxon.
        Descriptor: :taxon:designation:use
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )

```

```

[71] => Array
(
    Name: Designation notes
    Description: Notes on occurrence and
designations status from databases, literature or personal
communications.
    Descriptor: :taxon:designation:notes
    Data type: :type:text
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)

[72] => Array
(
    Name: Relation to crop
    Descriptor: :taxon:rel-crop
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)

[73] => Array
(
    Name: Associated crop taxa
    Description: Scientific names of the associated
crop to which the crop wild relative is related.
    Descriptor: :taxon:rel-crop:taxa
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:list
        [2] => :type:full-text-03
    )
)

[74] => Array
(
    Name: Associated_crop_common names
    Description: The vernacular names of the
associated crop taxon to which the crop wild relative is related.
    Descriptor: :taxon:rel-crop:names
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical

```

```

                [1] => :type:list
                [2] => :type:full-text-03
            )
        )
[75] => Array
(
    Name: Occurrence status
    Descriptor: :taxon:occurrence-status
    Data type: :type:enum-set
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[76] => Array
(
    Name: Scientific name
    Descriptor: :taxon:epithet
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[77] => Array
(
    Name: Scientific name authority
    Descriptor: :taxon:author
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[78] => Array
(
    Name: Species name
    Descriptor: :taxon:species:name
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )

```

```

    )
)
[79] => Array
(
  Name: Intraspecific epithet
  Descriptor: :taxon:intraspecies
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
  )
)
[80] => Array
(
  Name: Intraspecific authority
  Descriptor: :taxon:intraspecies:author
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[81] => Array
(
  Name: Valid scientific name
  Descriptor: :taxon:valid
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
  )
)
[82] => Array
(
  Name: Scientific name synonyms
  Descriptor: :taxon:synonym
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:list
    [2] => :type:full-text-03
  )
)

```

```

[83] => Array
  (
    Name: Common taxon names
    Descriptor: :taxon:names
    Data type: :type:language-strings
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )

[84] => Array
  (
    Name: Taxonomic reference
    Description: This attribute holds the internet
address in which the current taxon is published.
    Descriptor: :taxon:url
    Data type: :type:url
    Data format: Array
      (
        [0] => :type:discrete
      )
    )

[85] => Array
  (
    Name: Scientific name identifier
    Descriptor: :taxon:id
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
      )
    )

[86] => Array
  (
    Name: Scientific name reference
    Descriptor: :taxon:reference
    Data type: :type:url
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:list
      )
    )

[87] => Array
  (
    Name: Scientific name synonyms references

```



```

Descriptor: :taxon:synref
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:list
    )
)

[88] => Array
    (
        Name: Annex 1 group
        Descriptor: :taxon:annex-1
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
    )

[89] => Array
    (
        Name: Annex 1 notes
        Descriptor: :taxon:annex-1:notes
        Data type: :type:text
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )

[90] => Array
    (
        Name: Taxon policy notes
        Descriptor: :taxon:unit:policy:notes
        Data type: :type:text
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )

[91] => Array
    (
        Name: Dataset
        Description: Name or code identifying the
dataset or catalogue that provided the information.
        Descriptor: :inventory:dataset

```

```

Data type: :type:string
Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
  )
)

[92] => Array
  (
    Name: Dataset report
    Description: URL pointing to the report or
source of the dataset.
    Descriptor: :inventory:dataset:report
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )

[93] => Array
  (
    Name: Dataset notes
    Description: Notes and/or description of the
data contained in the dataset.
    Descriptor: :inventory:dataset:notes
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )

[94] => Array
  (
    Name: Inventory code
    Description: Code identifying the inventory.
    Descriptor: :inventory:code
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )

[95] => Array

```

```

inventory.
(
  Name: Inventory administrative unit
  Description: Administrative unit of the

  Descriptor: :inventory:admin
  Data type: :type:enum
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[96] => Array
(
  Name: Institute
  Description: This attribute holds a reference
to the institute.

  Descriptor: :inventory:institute
  Data type: :type:ref:unit
)
)

```

Collected samples

Collected sample (descriptive format)

```
[node] => 32191
Name: Collected sample
Description: This structure contains all default properties of a
collected germplasm sample.
[children] => Array
  (
    [0] => Array
      (
        Name: Dataset
        Description: Name or code identifying the
dataset or catalogue that provided the information.
        Descriptor: :inventory:dataset
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
          )
        )
    [1] => Array
      (
        Name: Germplasm identifier
        Description: This attribute holds the unique
identifier of the germplasm.
        Descriptor: :germplasm:identifier
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:discrete
            [1] => :type:full-text-06
          )
        )
    [2] => Array
      (
        Name: Germplasm neighbourhood
        Description: List of related germplasm
identifiers and references.
        Descriptor: :germplasm:neighbourhood
        Data type: :type:struct
        Data format: Array
          (
            [0] => :type:list
          )
        [children] => Array
          (
            [0] => Array
```

```

(
    Name: Institute
    Description: This
attribute holds a reference to the institute.
    Descriptor:
:inventory:institute
    Data type: :type:ref:unit
)

[1] => Array
(
    Name: Sample
    Description: This
attribute holds the reference to a collected sample.
    Descriptor:
:germplasm:sample
    Data type: :type:ref:unit
)

[2] => Array
(
    Name: Accession
    Description: This
attribute holds a reference to an accession.
    Descriptor:
:germplasm:accession
    Data type: :type:ref:unit
)

[3] => Array
(
    Name: Germplasm
identifier
    Description: This
attribute holds the unique identifier of the germplasm.
    Descriptor:
:germplasm:identifier
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:discrete
            [1] =>
:~type:full-text-06
        )
)

[4] => Array
(
    Name: Holding institute
code
    Description: The
FAO/WIEWS code of the institute holding the accession.
    Descriptor: mcpd:INSTCODE
    Data type: :type:string
)

```

```

Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-10
    [2] =>
:type:summary
)
)
[5] => Array
(
    Name: Accession number
    Description: This code
serves as a unique identifier for accessions within a genebank
collection, and is assigned when a sample is entered into the
genebank collection.
    Descriptor: mcpd:ACCENUMB
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-10
)
)
)
[3] => Array
(
    Name: Material transfers
    Description: List of samples transferred.
    Descriptor: :germplasm:mt
    Data type: :type:struct
    Data format: Array
(
    [0] => :type:list
)
    [children] => Array
(
    [0] => Array
(
    Name: Sample
    Description: This
attribute holds the reference to a collected sample.
    Descriptor:
:germplasm:sample
    Data type: :type:ref:unit

```

```

    )
    [1] => Array
    (
        Name: Accession
        Description: This
attribute holds a reference to an accession.
        Descriptor:
:germplasm:accession
        Data type: :type:ref:unit
    )
    [2] => Array
    (
        Name: Germplasm
identifier
        Description: This
attribute holds the unique identifier of the germplasm.
        Descriptor:
:germplasm:identifier
        Data type: :type:string
        Data format: Array
        (
            [0] =>
:~type:discrete
            [1] =>
:~type:full-text-06
        )
    )
    [3] => Array
    (
        Name: Holding institute
code
        Description: The
FAO/WIEWS code of the institute holding the accession.
        Descriptor: mcpd:INSTCODE
        Data type: :type:string
        Data format: Array
        (
            [0] =>
:~type:categorical
            [1] =>
:~type:full-text-10
            [2] =>
:~type:summary
        )
    )
    [4] => Array
    (
        Name: Accession number
        Description: This code
serves as a unique identifier for accessions within a genebank
    )

```

collection, and is assigned when a sample is entered into the genebank collection.

```
Descriptor: mcpd:ACCENUMB
Data type: :type:string
Data format: Array
    (
        [0] =>
:~type:discrete
        [1] =>
:~type:full-text-10
    )
)
[5] => Array
    (
        Name: Superclass
        Descriptor:
:~taxon:superclassis
        Data type: :type:string
        Data format: Array
            (
                [0] =>
:~type:categorical
                [1] =>
:~type:full-text-06
                [2] =>
:~type:summary
            )
    )
)
[6] => Array
    (
        Name: Class
        Descriptor:
:~taxon:classis
        Data type: :type:string
        Data format: Array
            (
                [0] =>
:~type:categorical
                [1] =>
:~type:full-text-06
                [2] =>
:~type:summary
            )
    )
)
[7] => Array
    (
        Name: Subclass
        Descriptor:
:~taxon:subclassis
        Data type: :type:string
```



```

Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[8] => Array
(
    Name: Infraclass
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[9] => Array
(
    Name: Parvclass
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[10] => Array
(
    Name: Superfamily
    Descriptor:
    Data type: :type:string
    Data format: Array
    (

```

```

:taxon:
  :type:summary
  :type:full-text-06
  :type:categorical
  [0] =>
  [1] =>
  [2] =>
)
)
[11] => Array
(
  Name: Family
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:familia
:taxon:familia:
  :type:summary
  :type:full-text-06
  :type:categorical
)
[12] => Array
(
  Name: Family authority
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:taxon:familia:author
:taxon:familia:author:
  :type:full-text-03
  :type:discrete
)
[13] => Array
(
  Name: Subfamily
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:taxon:subfamilia
:taxon:subfamilia:
  :type:full-text-06
  :type:categorical
)

```

```

:~type:summary
[2] =>
)
)
[14] => Array
(
  Name: Genus
  Descriptor: :taxon:genus
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:categorical
:~type:full-text-06
:~type:summary
)
[15] => Array
(
  Name: Genus authority
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~taxon:genus:author
:~type:discrete
:~type:full-text-03
)
[16] => Array
(
  Name: Subgenus
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~taxon:subgenus
:~type:categorical
:~type:full-text-06
)
[17] => Array

```

```

(
  Name: Section
  Descriptor: :taxon:sectio
  Data type: :type:string
  Data format: Array
  (
    [0] =>
  )
)
)
[18] => Array
(
  Name: Series
  Descriptor: :taxon:series
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
)
[19] => Array
(
  Name: Variety
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
)
[20] => Array
(
  Name: Variety authority
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>

```

:type:categorical

:type:full-text-06

:type:categorical

:type:full-text-06

:taxon:varietas

:type:categorical

:type:full-text-06

:taxon:varietas:author

:type:discrete

```

:~type:full-text-03
[1] =>
)
)
[21] => Array
(
  Name: Form
  Descriptor: :taxon:forma
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~type:categorical
:~type:full-text-06
[22] => Array
(
  Name: Form authority
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~taxon:forma:author
:~type:discrete
:~type:full-text-03
[23] => Array
(
  Name: Domain
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~taxon:superregnum
:~type:categorical
:~type:full-text-06
:~type:summary
[24] => Array

```

```

(
    Name: Kingdom
    Descriptor: :taxon:regnum
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)
[25] => Array
(
    Name: Subkingdom
    Descriptor:
:~taxon:~subregnum
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)
[26] => Array
(
    Name: Infrakingdom or
    Descriptor:
    Branch
:~taxon:~infraregnum
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)
[27] => Array
(
    Name: Legion

```

```

Descriptor: :taxon:legio
Data type: :type:string
Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[28] => Array
    (
        Name: Cohort
        Descriptor: :taxon:cohors
        Data type: :type:string
        Data format: Array
            (
                [0] =>
:type:categorycal
                [1] =>
:type:full-text-06
                [2] =>
:type:summary
            )
    )
)
[29] => Array
    (
        Name: Magnorder or
Megaorder
        Descriptor:
        Data type: :type:string
        Data format: Array
            (
                [0] =>
:type:categorycal
                [1] =>
:type:full-text-06
                [2] =>
:type:summary
            )
    )
)
[30] => Array
    (
        Name: Superorder
        Descriptor:
        Data type: :type:string
:type:superordo
    )
)

```

```

Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[31] => Array
(
    Name: Grandorder
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[32] => Array
(
    Name: Grandorder
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[33] => Array
(
    Name: Order
    Descriptor: :taxon:ordo
    Data type: :type:string
    Data format: Array
    (

```



```

:taxon:subordo
  :type:summary
    [2] =>
  :type:full-text-06
    [1] =>
  :type:categorical
    [0] =>
  )
)
[34] => Array
  (
    Name: Suborder
    Descriptor:
    Data type: :type:string
    Data format: Array
      (
        [0] =>
        [1] =>
        [2] =>
      )
  )
)
[35] => Array
  (
    Name: Infraorder
    Descriptor:
    Data type: :type:string
    Data format: Array
      (
        [0] =>
        [1] =>
        [2] =>
      )
  )
)
[36] => Array
  (
    Name: Parvorder
    Descriptor:
    Data type: :type:string
    Data format: Array
      (
        [0] =>

```

```

:~type:full-text-06
:~type:summary
)
)
[37] => Array
(
  Name: Superphylum or
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:categorical
:~type:full-text-06
:~type:summary
)
[38] => Array
(
  Name: Phylum or Division
  Descriptor: :~taxon:phylum
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:categorical
:~type:full-text-06
:~type:summary
)
[39] => Array
(
  Name: Subphylum
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~taxon:subphylum
:~type:categorical
:~type:full-text-06

```

```

:taxon:summary
[2] =>
)
)
[40] => Array
(
Name: Infraphylum
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:infraphylum
:type:summary
:type:full-text-06
:type:categorical
:type:summary
)
[41] => Array
(
Name: Microphylum
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:microphylum
:type:summary
:type:full-text-06
:type:categorical
)
[42] => Array
(
Name: Superspecies
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
:taxon:superspecies
:type:full-text-06
:type:categorical

```

```

)
[43] => Array
(
    Name: Species
    Descriptor:

:taxon:species

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:categorycal

        [1] =>

:type:full-text-06

    )
)
[44] => Array
(
    Name: Species authority
    Descriptor:

:taxon:species:author

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:discrete

        [1] =>

:type:full-text-03

    )
)
[45] => Array
(
    Name: Subspecies
    Descriptor:

:taxon:subspecies

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:categorycal

        [1] =>

:type:full-text-06

    )
)
[46] => Array
(
    Name: Subspecies

authority

    Descriptor:

:taxon:subspecies:author

```

```

Data type: :type:string
Data format: Array
      (
        [0] =>
        [1] =>
      )
)
[47] => Array
      (
        Name: Supertribe
        Descriptor:
          Data type: :type:string
          Data format: Array
            (
              [0] =>
              [1] =>
              [2] =>
            )
      )
)
[48] => Array
      (
        Name: Tribe
        Descriptor: :taxon:tribus
        Data type: :type:string
        Data format: Array
          (
            [0] =>
            [1] =>
          )
      )
)
[49] => Array
      (
        Name: Subtribe
        Descriptor:
          Data type: :type:string
          Data format: Array
            (
              [0] =>
              [1] =>
            )
      )
)

```

:type:discrete

:type:full-text-03

:taxon:supertribus

:type:ategorical

:type:full-text-06

:type:summary

:type:ategorical

:type:full-text-06

:taxon:subtribus

:type:ategorical

:type:full-text-06

```

:~type:summary
[2] =>
)
)
[50] => Array
(
  Name: Taxonomic rank
  Description: This
attribute holds the enumerated value describing the rank or position
in the taxonomic hierarchy.
  Descriptor: :taxon:rank
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:categorical
:~type:full-text-06
:~type:summary
)
[51] => Array
(
  Name: Crop
  Descriptor: :taxon:crop
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:categorical
:~type:full-text-03
:~type:summary
)
[52] => Array
(
  Name: Chromosome number
  Descriptor:
:~taxon:chromosome-number
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
:~type:discrete
:~type:list

```

```

:taxon:full-text-03
[2] =>
)
)
[53] => Array
(
Name: Gene Pool
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:genepool
:type:discrete
:type:list
:type:full-text-03
)
[54] => Array
(
Name: Gene Pool reference
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
:taxon:genepool-ref
:type:discrete
:type:list
)
[55] => Array
(
Name: Taxon group
Descriptor: :taxon:group
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:type:discrete
:type:list
:type:full-text-03
)
)

```

```

[56] => Array
(
  Name: Taxon group
reference
  Descriptor: :taxon:group-
ref
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

:type:discrete
:type:full-text-03

[57] => Array
(
  Name: GP/TG group concept
  Descriptor: :taxon:gp/tg
  Data type: :type:text
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

:type:discrete
:type:list

[58] => Array
(
  Name: Taxon sub-group
  Descriptor: :taxon:sub-
group
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)

:type:discrete
:type:list
:type:full-text-03

[59] => Array
(
  Name: Taxon sub-group
reference

```



```

group-ref
Descriptor: :taxon:sub-
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[60] => Array
(
    Name: Taxon designation
    Description: Type of
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
)
[61] => Array
(
    Name: Taxon designation
    Description: Database,
literature or personal communication reference for listing of taxon
as a crop wild relative or wild utilised species.
    Descriptor:
    Data type: :type:text
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
)
[62] => Array

```

```

(
  Name: Taxon national
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[63] => Array
(
  Name: Taxon primary or
  Description: Designation
of the primary or prioritized use of the associated crop or the wild
utilised species taxon.
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
[64] => Array
(
  Name: Designation notes
  Description: Notes on
occurrence and designation status from databases, literature or
personal communications.
  Descriptor:
  Data type: :type:text
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

```

```
[65] => Array
(
  Name: Relation to crop
  Descriptor: :taxon:rel-
crop
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
:type:categorical
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
  )
)

[66] => Array
(
  Name: Associated crop
taxa
  Description: Scientific
names of the associated crop to which the crop wild relative is
related.
  Descriptor: :taxon:rel-
crop:taxa
  Data type: :type:string
  Data format: Array
  (
    [0] =>
:type:categorical
    [1] =>
:type:list
    [2] =>
:type:full-text-03
  )
)

[67] => Array
(
  Name:
Associated_crop_common names
  Description: The
vernacular names of the associated crop taxon to which the crop wild
relative is related.
  Descriptor: :taxon:rel-
crop:names
  Data type: :type:string
  Data format: Array
  (
    [0] =>
:type:categorical
```

```

:taxon:occurrence-status
:taxon:epithet
authority

:type:list
:type:full-text-03
:type:categoryical
:type:full-text-06
:type:summary
:type:categoryical
:type:full-text-06
:type:discrete
:type:full-text-03

[68] => Array
(
  Name: Occurrence status
  Descriptor:
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)

[69] => Array
(
  Name: Scientific name
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

[70] => Array
(
  Name: Scientific name
  Descriptor: :taxon:author
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

```

```

)
[71] => Array
(
    Name: Species name
    Descriptor:

:taxon:species:name

    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)

[72] => Array
(
    Name: Intraspecific
    Descriptor:

epithet

:taxon:intraspecies

    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
    )
)

[73] => Array
(
    Name: Intraspecific
    Descriptor:

authority

:taxon:intraspecies:author

    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:~discrete
        [1] =>
:~type:~full-text-03
    )
)

[74] => Array
(

```

```

name
Name: Valid scientific
Descriptor: :taxon:valid
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
)
)
[75] => Array
(
  Name: Scientific name
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
synonyms
:taxon:synonym
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
:type:categorycal
:type:list
:type:full-text-03
[76] => Array
(
  Name: Common taxon names
  Descriptor: :taxon:names
  Data type:
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:type:language-strings
:type:categorycal
:type:full-text-06
[77] => Array
(
  Name: Taxonomic reference
  Description: This
attribute holds the internet address in which the current taxon is
published.
Descriptor: :taxon:url

```

```

Data type: :type:url
Data format: Array
(
    [0] =>
:type:discrete
)
)
[78] => Array
(
    Name: Scientific name
    Identifier
    Descriptor: :taxon:id
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
    )
)
[79] => Array
(
    Name: Scientific name
    reference
    Descriptor:
    :taxon:reference
    Data type: :type:url
    Data format: Array
    (
        [0] =>
        [1] =>
:type:discrete
:type:list
    )
)
[80] => Array
(
    Name: Scientific name
    synonyms references
    Descriptor: :taxon:synref
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
:type:discrete
:type:list
    )
)

```

```

1
:type:category
:type:full-text-03
:type:summary

[81] => Array
(
  Name: Annex 1 group
  Descriptor: :taxon:annex-

  Data type: :type:enum
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)

1:notes
:type:discrete
:type:full-text-03

[82] => Array
(
  Name: Annex 1 notes
  Descriptor: :taxon:annex-

  Data type: :type:text
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

:taxon:unit:policy:notes
:type:discrete
:type:full-text-03

[83] => Array
(
  Name: Taxon policy notes
  Descriptor:

  Data type: :type:text
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

attribute holds the list of acronyms used by the entity.

[84] => Array
(
  Name: Entity acronyms
  Description: This

```



```

:entity:acronym
:entity:acronym
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
:entity:acronym
:entity:acronym
:entity:acronym
:entity:acronym
)
)
[85] => Array
(
  Name: Entity internet
  Description: This
  Descriptor: :entity:url
  Data type: :type:typed-
  Data format: Array
  (
    [0] =>
:entity:acronym
:entity:acronym
:entity:acronym
:entity:acronym
)
)
[86] => Array
(
  Name: Authentication code
  Description: This
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
:entity:acronym
:entity:acronym
:entity:acronym
:entity:acronym
    [1] =>
:entity:acronym
:entity:acronym
:entity:acronym
:entity:acronym
    [2] =>
:entity:acronym
:entity:acronym
:entity:acronym
:entity:acronym
  )
)
)
[87] => Array
(

```

```

Name: Authentication
password
Description: This
attribute holds a string which validates the entity credentials used
to authenticate with the service.
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
[88] => Array
(
    Name: Entity first name
    Description: This
    attribute holds a string representing the first name of the entity.
    Descriptor: :entity:fname
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[89] => Array
(
    Name: Entity last name
    Description: This
    attribute holds a string representing the last name of the entity.
    Descriptor: :entity:lname
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[90] => Array
(

```

Name: Name
 Description: This
 attribute holds a string representing the name of the object. This is generally the way humans refer to the object and it is not related to a specific language.

```

Descriptor: :name
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
)
)

```

```

:type:discrete
:type:full-text-06

```

```

[91] => Array
(

```

Name: Entity identifier
 Description: This
 attribute holds a string representing the identification code of the entity.

```

Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
)
)

```

```

:entity:identifier
:type:discrete
:type:full-text-10

```

```

[92] => Array
(

```

Name: Entity type
 Description: This
 attribute holds an enumerated set describing the various types of the holding entity.

```

Descriptor: :type:entity
Data type: :type:enum-set
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)

```

```

:type:categorical
:type:full-text-03
:type:summary

```

```

[93] => Array
(
    Name: Entity kind
    Description: This
attribute holds an enumerated set describing the various kinds of the
holding entity.
    Descriptor: :kind:entity
    Data type: :type:enum-set
    Data format: Array
        (
            [0] =>
:type:categorical
            [1] =>
:type:full-text-03
            [2] =>
:type:summary
        )
    )

```

```

[94] => Array
(
    Name: Entity mailing
addresses
    Description: This
attribute holds the entity list of mailing addresses discriminated by
type.
    Descriptor: :entity:mail
    Data type: :type:typed-
list
    Data format: Array
        (
            [0] =>
:type:discrete
        )
    )

```

```

[95] => Array
(
    Name: Entity electronic
mail addresses
    Description: This
attribute holds the entity list of e-mail addresses discriminated by
type.
    Descriptor: :entity:email
    Data type: :type:typed-
list
    Data format: Array
        (
            [0] =>
:type:discrete
        )
    )

```

```

[96] => Array
(
    Name: Entity telephone
numbers
    Description: This
attribute holds the entity list of telephone numbers discriminated by
type.
    Descriptor: :entity:phone
Data type: :type:typed-
list
    Data format: Array
(
        [0] =>
:type:discrete
)
)

```

```

[97] => Array
(
    Name: Entity telefax
numbers
    Description: This
attribute holds the entity list of telefax numbers discriminated by
type.
    Descriptor: :entity:fax
Data type: :type:typed-
list
    Data format: Array
(
        [0] =>
:type:discrete
)
)

```

```

[98] => Array
(
    Name: Entity telex
    Description: This
attribute holds the entity list of telex codes discriminated by type.
    Descriptor: :entity:tlx
Data type: :type:typed-
list
    Data format: Array
(
        [0] =>
:type:discrete
)
)

```

```

[99] => Array
(
    Name: Affiliation

```

attribute holds the list of entities to which the current object is affiliated, discriminated by type.

:entity:affiliation
list

Description: This
Descriptor:

Data type: :type:typed-
Data format: Array
(
[0] =>
)

:type:discrete

)

[100] => Array
(

attribute holds the nationality of the entity, this is expressed as an ISO country code.

:entity:nationality

Name: Entity nationality
Description: This

Descriptor:
Data type: :type:enum
Data format: Array
(

:type:categorical

:type:full-text-03

:type:summary

[0] =>
[1] =>
[2] =>

)

)

[101] => Array
(

attribute holds the reference to the valid, current or preferred entity. This is used to keep track of historical entity records when these entities become obsolete or defunct.

Name: Valid entity
Description: This

Descriptor: :entity:valid
Data type: :type:ref:self
Data format: Array
(

:type:discrete

[0] =>

)

)

[102] => Array
(

Name: Institute

```

        Description: This
attribute holds a reference to the institute.
        Descriptor:
:inventory:institute
        Data type: :type:ref:unit
    )
[103] => Array
    (
        Name: Transfer identifier
        Descriptor:
:germplasm:mt:identifier
        Data type: :type:string
        Data format: Array
            (
                [0] =>
:type:discrete
            )
    )
[104] => Array
    (
        Name: Transfer date
        Descriptor:
:germplasm:mt:date
        Data type: :type:date
        Data format: Array
            (
                [0] =>
:type:quantitative
            )
    )
[105] => Array
    (
        Name: SMTA type
        Descriptor:
:germplasm:mt:smta
        Data type: :type:enum
        Data format: Array
            (
                [0] =>
:type:categorical
                [1] =>
:type:full-text-03
                [2] =>
:type:summary
            )
    )
[106] => Array
    (
        Name: SMTA notes

```

```

:germplasm:mt:smta:notes
Descriptor:
Data type: :type:text
Data format: Array
(
    [0] =>
    [1] =>
)
)
[107] => Array
(
    Name: Number of intended
    Description: Number of
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
samples
samples planned to be transferred.
:germplasm:mt:samples-intended
:type:quantitative
[108] => Array
(
    Name: Number of verified
    Description: Number of
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
samples
samples verified.
:germplasm:mt:samples-verified
:type:quantitative
[109] => Array
(
    Name: Number of samples
    Description: Number of
    Descriptor:
    Data type: :type:int
received
samples apparently received.
:germplasm:mt:samples-received

```



```

Data format: Array
(
    [0] =>
:type:quantitative
)
)
[110] => Array
(
    Name: Structure label
    Description: This
attribute holds a string which is used to identify a structure in a
list of structures that do not contain a field which can be used for
this purpose.
    Descriptor: :struct-label
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:private-search
    [2] =>
:type:private-modify
    [3] =>
:type:private-display
)
)
)
[4] => Array
(
    Name: Mission
    Description: This attribute holds the reference
to the mission.
    Descriptor: :mission
    Data type: :type:ref:unit
)
[5] => Array
(
    Name: Mission identifier
    Description: This attribute holds the unique
identifier of the mission.
    Descriptor: :mission:identifier
    Data type: :type:string
    Data format: Array
(
    [0] => :type:discrete
    [1] => :type:full-text-06
)
)

```

```

    )
[6] => Array
    (
        Name: Collecting mission
        Description: This attribute holds the reference
to a collecting mission.
        Descriptor: :mission:collecting
        Data type: :type:ref:unit
    )

[7] => Array
    (
        Name: Collecting mission identifier
        Description: This attribute holds the unique
identifier of the collecting mission.
        Descriptor: :mission:collecting:identifier
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-06
        )
    )

[8] => Array
    (
        Name: Collectors
        Description: List of individuals and
organisations which cooperated in the collecting.
        Descriptor: :collecting:entities
        Data type: :type:struct
        Data format: Array
        (
            [0] => :type:list
        )

        [children] => Array
            (
                [0] => Array
                    (
                        Name: Collecting
institute code
                        Description: The
FAO/WIEWS code of the institute which collected the accession.
                        Descriptor: mcpd:COLLCODE
                        Data type: :type:string
                        Data format: Array
                        (
                            [0] =>
:type:categoryal
                            [1] =>
:type:full-text-06
                        )
                    )
            )
    )

```

```

:~type:summary
[2] =>
)
)
[1] => Array
(
institute name
mcpd:COLLDESCR
Name: Collecting
Descriptor:
Data type: :~type:string
Data format: Array
(
:~type:discrete
[0] =>
:~type:full-text-03
[1] =>
)
)
[2] => Array
(
attribute holds the list of acronyms used by the entity.
:~entity:acronym
Name: Entity acronyms
Description: This
Descriptor:
Data type: :~type:string
Data format: Array
(
:~type:~categorical
[0] =>
:~type:~list
[1] =>
:~type:~full-text-10
[2] =>
)
)
[3] => Array
(
addresses
attribute holds the entity list of internet addresses discriminated
by type.
list
Name: Entity internet
Description: This
Descriptor: :~entity:url
Data type: :~type:~typed-
Data format: Array
(

```

```

                                                                    [0] =>
:type:discrete
                                                                    )
                                                                    )
[4] => Array
(
    Name: Authentication code
    Description: This
attribute holds a string which identifies the entity credentials used
to authenticate with the service.
    Descriptor:
:type:discrete
    Data type: :type:string
    Data format: Array
    (
    [0] =>
    [1] =>
    [2] =>
:type:private-search
:type:private-display
    )
)
[5] => Array
(
    Name: Authentication
password
    Description: This
attribute holds a string which validates the entity credentials used
to authenticate with the service.
    Descriptor:
:type:discrete
    Data type: :type:string
    Data format: Array
    (
    [0] =>
    [1] =>
    [2] =>
:type:private-search
:type:private-display
    )
)
[6] => Array
(
    Name: Entity first name
attribute holds a string representing the first name of the entity.
    Description: This
    Descriptor: :entity:fname
    Data type: :type:string

```

```

Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-06
)
)
[7] => Array
(
    Name: Entity last name
    Description: This
attribute holds a string representing the last name of the entity.
    Descriptor: :entity:lname
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-10
)
)
[8] => Array
(
    Name: Name
    Description: This
attribute holds a string representing the name of the object. This is
generally the way humans refer to the object and it is not related to
a specific language.
    Descriptor: :name
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-06
)
)
[9] => Array
(
    Name: Entity identifier
    Description: This
attribute holds a string representing the identification code of the
entity.
    Descriptor:
:entity:identifier
    Data type: :type:string
    Data format: Array

```

```

(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-10
)
)
[10] => Array
(
    Name: Entity type
    Description: This
attribute holds an enumerated set describing the various types of the
holding entity.
    Descriptor: :type:entity
    Data type: :type:enum-set
    Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[11] => Array
(
    Name: Entity kind
    Description: This
attribute holds an enumerated set describing the various kinds of the
holding entity.
    Descriptor: :kind:entity
    Data type: :type:enum-set
    Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[12] => Array
(
    Name: Entity mailing
addresses
    Description: This
attribute holds the entity list of mailing addresses discriminated by
type.
)

```

```

Descriptor: :entity:mail
Data type: :type:typed-
list
Data format: Array
(
    [0] =>
:type:discrete
)
)
[13] => Array
(
    Name: Entity electronic
mail addresses
    Description: This
attribute holds the entity list of e-mail addresses discriminated by
type.
    Descriptor: :entity:email
list
    Data type: :type:typed-
    Data format: Array
(
    [0] =>
:type:discrete
)
)
[14] => Array
(
    Name: Entity telephone
numbers
    Description: This
attribute holds the entity list of telephone numbers discriminated by
type.
    Descriptor: :entity:phone
list
    Data type: :type:typed-
    Data format: Array
(
    [0] =>
:type:discrete
)
)
[15] => Array
(
    Name: Entity telefax
numbers
    Description: This
attribute holds the entity list of telefax numbers discriminated by
type.
    Descriptor: :entity:fax

```

```

list
Data type: :type:typed-
Data format: Array
(
    [0] =>
)
)
)
[16] => Array
(
    Name: Entity telex
    Description: This
attribute holds the entity list of telex codes discriminated by type.
Descriptor: :entity:tlx
Data type: :type:typed-
list
Data format: Array
(
    [0] =>
)
)
)
[17] => Array
(
    Name: Affiliation
    Description: This
attribute holds the list of entities to which the current object is
affiliated, discriminated by type.
Descriptor:
:entity:affiliation
Data type: :type:typed-
list
Data format: Array
(
    [0] =>
)
)
)
[18] => Array
(
    Name: Entity nationality
    Description: This
attribute holds the nationality of the entity, this is expressed as
an ISO country code.
Descriptor:
:entity:nationality
Data type: :type:enum
Data format: Array
(

```



```

:~type:~categorical
:~type:~full-text-03
:~type:~summary
)
)
[19] => Array
(
  Name: Valid entity
  Description: This
  attribute holds the reference to the valid, current or preferred
  entity. This is used to keep track of historical entity records when
  these entities become obsolete or defunct.
  Descriptor: :entity:valid
  Data type: :type:ref:self
  Data format: Array
    (
      [0] =>
:~type:~discrete
    )
  )
[20] => Array
(
  Name: Institute
  Description: This
  attribute holds a reference to the institute.
  Descriptor:
:~inventory:~institute
  Data type: :type:ref:unit
)
)
)
[9] => Array
(
  Name: Collected samples count
  Description: Number of samples collected.
  Descriptor: :collecting:samples
  Data type: :type:int
  Data format: Array
    (
      [0] => :type:quantitative
    )
  )
)
[10] => Array
(

```

```

Name: Collecting event notes
Descriptor: :collecting:notes
Data type: :type:text
Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)

[11] => Array
  (
    Name: Environment
    Description: Environmental data.
    Descriptor: :environment
    Data type: :type:struct
    [children] => Array
      (
        [0] => Array
          (
            Name: Global Environment
            Description: Global
            Descriptor: gens
            Data type: :type:string
            Data format: Array
              (
                [0] =>
                [1] =>
              )
          )
        )
      )
    [1] => Array
      (
        Name: Climatic zone
        Descriptor: gens:clim
        Data type: :type:enum-set
        Data format: Array
          (
            [0] =>
            [1] =>
            [2] =>
          )
      )
    )
    [2] => Array
      (

```

```

Name: Environmental zone
Descriptor: gens:zone
Data type: :type:enum-set
Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-03
        [2] =>
:~type:~summary
    )
)
[3] => Array
(
Name: Global land cover
Descriptor: globcov
Data type: :type:enum-set
Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-03
        [2] =>
:~type:~summary
    )
)
[4] => Array
(
Name: Harmonised world
Descriptor: hwsd
Data type: :type:enum-set
Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-03
        [2] =>
:~type:~summary
    )
)
[5] => Array
(
Name: Monthly
precipitation

```

```

precipitation of location.
:environment:precipitation
Description: Monthly
Descriptor:
Data type: :type:struct
[children] => Array
(
  [0] => Array
    (

```

```
Name: January minimum precipitation
```

```
Description: Location January minimum precipitation.
```

```
Descriptor: :environment:precipitation:01-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
  [0] => :type:quantitative
)
```

```
)
[1] => Array
(
```

```
Name: January mean precipitation
```

```
Description: Location January mean precipitation.
```

```
Descriptor: :environment:precipitation:01-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
  [0] => :type:quantitative
)
```

```
)
[2] => Array
(
```

```
Name: January maximum precipitation
```

```
Description: Location January maximum precipitation.
```

Descriptor: :environment:precipitation:01-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[3] => Array  
(
```

Name: February minimum precipitation

Description: Location February minimum precipitation.

Descriptor: :environment:precipitation:02-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[4] => Array  
(
```

Name: February mean precipitation

Description: Location February mean precipitation.

Descriptor: :environment:precipitation:02-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[5] => Array  
(
```

```
Name: February maximum precipitation  
Description: Location February maximum precipitation.  
Descriptor: :environment:precipitation:02-max  
Data type: :type:int  
Data format: Array  
  
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[6] => Array  
(
```

```
Name: March minimum precipitation  
Description: Location March minimum precipitation.  
Descriptor: :environment:precipitation:03-min  
Data type: :type:int  
Data format: Array  
  
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[7] => Array  
(
```

```
Name: March mean precipitation  
Description: Location March mean precipitation.  
Descriptor: :environment:precipitation:03-mean  
Data type: :type:int  
Data format: Array
```

```

(
    [0] => :type:quantitative
)

)

[8] => Array
(

Name: March maximum precipitation
Description: Location March maximum precipitation.
Descriptor: :environment:precipitation:03-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[9] => Array
(

Name: April minimum precipitation
Description: Location April minimum precipitation.
Descriptor: :environment:precipitation:04-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[10] => Array
(

Name: April mean precipitation

```

Description: Location April mean precipitation.

Descriptor: :environment:precipitation:04-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[11] => Array  
(
```

Name: April maximum precipitation

Description: Location April maximum precipitation.

Descriptor: :environment:precipitation:04-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[12] => Array  
(
```

Name: May minimum precipitation

Description: Location May minimum precipitation.

Descriptor: :environment:precipitation:05-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```



```

)
[13] => Array
(
Name: May mean precipitation
Description: Location May mean precipitation.
Descriptor: :environment:precipitation:05-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[14] => Array
(
Name: May maximum precipitation
Description: Location May maximum precipitation.
Descriptor: :environment:precipitation:05-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[15] => Array
(
Name: June minimum precipitation
Description: Location June minimum precipitation.
Descriptor: :environment:precipitation:06-min
Data type: :type:int

```

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[16] => Array  
(
```

Name: June mean precipitation

Description: Location June mean precipitation.

Descriptor: :environment:precipitation:06-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[17] => Array  
(
```

Name: June maximum precipitation

Description: Location June maximum precipitation.

Descriptor: :environment:precipitation:06-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[18] => Array  
(
```

Name: July minimum precipitation

Description: Location July minimum precipitation.

Descriptor: :environment:precipitation:07-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[19] => Array  
(
```

Name: July mean precipitation

Description: Location July mean precipitation.

Descriptor: :environment:precipitation:07-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[20] => Array  
(
```

Name: July maximum precipitation

Description: Location July maximum precipitation.

Descriptor: :environment:precipitation:07-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative
```

```

)

)
[21] => Array
(
Name: August minimum precipitation
Description: Location August minimum precipitation.
Descriptor: :environment:precipitation:08-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

)
[22] => Array
(
Name: August mean precipitation
Description: Location August mean precipitation.
Descriptor: :environment:precipitation:08-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

)
[23] => Array
(
Name: August maximum precipitation
Description: Location August maximum precipitation.
Descriptor: :environment:precipitation:08-max

```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[24] => Array  
(
```

Name: September minimum precipitation

Description: Location September minimum precipitation.

Descriptor: :environment:precipitation:09-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[25] => Array  
(
```

Name: September mean precipitation

Description: Location September mean precipitation.

Descriptor: :environment:precipitation:09-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[26] => Array
```

```

(
Name: September maximum precipitation
Description: Location September maximum precipitation.
Descriptor: :environment:precipitation:09-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[27] => Array
(
Name: October minimum precipitation
Description: Location October minimum precipitation.
Descriptor: :environment:precipitation:10-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[28] => Array
(
Name: October mean precipitation
Description: Location October mean precipitation.
Descriptor: :environment:precipitation:10-mean
Data type: :type:int
Data format: Array
(

```

```

    [0] => :type:quantitative
)

)

[29] => Array
(

Name: October maximum precipitation
Description: Location October maximum precipitation.
Descriptor: :environment:precipitation:10-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[30] => Array
(

Name: November minimum precipitation
Description: Location November minimum precipitation.
Descriptor: :environment:precipitation:11-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[31] => Array
(

Name: November mean precipitation
Description: Location November mean precipitation.

```

Descriptor: :environment:precipitation:11-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[32] => Array  
(
```

Name: November maximum precipitation

Description: Location November maximum precipitation.

Descriptor: :environment:precipitation:11-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[33] => Array  
(
```

Name: December minimum precipitation

Description: Location December minimum precipitation.

Descriptor: :environment:precipitation:12-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)


```
[34] => Array
      (
```

```
Name: December mean precipitation
```

```
Description: Location December mean precipitation.
```

```
Descriptor: :environment:precipitation:12-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
  [0] => :type:quantitative
)
```

```
)
```

```
[35] => Array
      (
```

```
Name: December maximum precipitation
```

```
Description: Location December maximum precipitation.
```

```
Descriptor: :environment:precipitation:12-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
  [0] => :type:quantitative
)
```

```
)
```

```
)
```

```
)
```

```
[6] => Array
      (
```

```
temperature of location.
```

```
:environment:temperature
```

```
Name: Monthly temperature
```

```
Description: Monthly
```

```
Descriptor:
```

```
Data type: :type:struct
[children] => Array
```

```

(
  [0] => Array
  (
    Name: January minimum temperature (minimum)
    Description: Location January minimum temperature (minimum).
    Descriptor: :environment:temperature:01-min-min
    Data type: :type:int
    Data format: Array
  )
  [0] => :type:quantitative
)

```

```

)
[1] => Array
(
  Name: January minimum temperature (mean)
  Description: Location January minimum temperature (mean).
  Descriptor: :environment:temperature:01-min-mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```

)
[2] => Array
(
  Name: January minimum temperature (maximum)
  Description: Location January minimum temperature (maximum).
  Descriptor: :environment:temperature:01-min-max
  Data type: :type:int
  Data format: Array
)

```

```

(
    [0] => :type:quantitative
)

)

[3] => Array
(

Name: January mean temperature (minimum)
Description: Location January mean temperature (minimum).
Descriptor: :environment:temperature:01-mean-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[4] => Array
(

Name: January mean temperature (mean)
Description: Location January mean temperature (mean).
Descriptor: :environment:temperature:01-mean-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[5] => Array
(

Name: January mean temperature (maximum)

```

Description: Location January mean temperature (maximum).

Descriptor: :environment:temperature:01-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[6] => Array  
(
```

Name: January maximum temperature (minimum)

Description: Location January maximum temperature (minimum).

Descriptor: :environment:temperature:01-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[7] => Array  
(
```

Name: January maximum temperature (mean)

Description: Location January maximum temperature (mean).

Descriptor: :environment:temperature:01-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```

)
[8] => Array
(
Name: January maximum temperature (maximum)
Description: Location January maximum temperature (maximum).
Descriptor: :environment:temperature:01-max-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)

```

```

)
[9] => Array
(
Name: February minimum temperature (minimum)
Description: Location February minimum temperature (minimum).
Descriptor: :environment:temperature:02-min-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)

```

```

)
[10] => Array
(
Name: February minimum temperature (mean)
Description: Location February minimum temperature (mean).
Descriptor: :environment:temperature:02-min-mean
Data type: :type:int

```

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[11] => Array  
(
```

Name: February minimum temperature (maximum)

Description: Location February minimum temperature (maximum).

Descriptor: :environment:temperature:02-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[12] => Array  
(
```

Name: February mean temperature (minimum)

Description: Location February mean temperature (minimum).

Descriptor: :environment:temperature:02-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[13] => Array  
(
```

Name: February mean temperature (mean)

Description: Location February mean temperature (mean).

Descriptor: :environment:temperature:02-mean-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[14] => Array  
(
```

Name: February mean temperature (maximum)

Description: Location February mean temperature (maximum).

Descriptor: :environment:temperature:02-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[15] => Array  
(
```

Name: February maximum temperature (minimum)

Description: Location February maximum temperature (minimum).

Descriptor: :environment:temperature:02-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative
```

```

)
)
[16] => Array
(
Name: February maximum temperature (mean)
Description: Location February maximum temperature (mean).
Descriptor: :environment:temperature:02-max-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[17] => Array
(
Name: February maximum temperature (maximum)
Description: Location February maximum temperature (maximum).
Descriptor: :environment:temperature:02-max-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[18] => Array
(
Name: March minimum temperature (minimum)
Description: Location March minimum temperature (minimum).
Descriptor: :environment:temperature:03-min-min

```


Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[19] => Array  
(
```

Name: March minimum temperature (mean)

Description: Location March minimum temperature (mean).

Descriptor: :environment:temperature:03-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[20] => Array  
(
```

Name: March minimum temperature (maximum)

Description: Location March minimum temperature (maximum).

Descriptor: :environment:temperature:03-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[21] => Array
```

```

(
Name: March mean temperature (minimum)
Description: Location March mean temperature (minimum).
Descriptor: :environment:temperature:03-mean-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[22] => Array
(
Name: March mean temperature (mean)
Description: Location March mean temperature (mean).
Descriptor: :environment:temperature:03-mean-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[23] => Array
(
Name: March mean temperature (maximum)
Description: Location March mean temperature (maximum).
Descriptor: :environment:temperature:03-mean-max
Data type: :type:int
Data format: Array
(

```

```

    [0] => :type:quantitative
  )
)
[24] => Array
(
Name: March maximum temperature (minimum)
Description: Location March maximum temperature (minimum).
Descriptor: :environment:temperature:03-max-min
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
[25] => Array
(
Name: March maximum temperature (mean)
Description: Location March maximum temperature (mean).
Descriptor: :environment:temperature:03-max-mean
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
[26] => Array
(
Name: March maximum temperature (maximum)
Description: Location March maximum temperature (maximum).

```

Descriptor: :environment:temperature:03-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[27] => Array  
(
```

Name: April minimum temperature (minimum)

Description: Location April minimum temperature (minimum).

Descriptor: :environment:temperature:04-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[28] => Array  
(
```

Name: April minimum temperature (mean)

Description: Location April minimum temperature (mean).

Descriptor: :environment:temperature:04-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[29] => Array  
(
```

```
Name: April minimum temperature (maximum)
```

```
Description: Location April minimum temperature (maximum).
```

```
Descriptor: :environment:temperature:04-min-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[30] => Array  
(
```

```
Name: April mean temperature (minimum)
```

```
Description: Location April mean temperature (minimum).
```

```
Descriptor: :environment:temperature:04-mean-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[31] => Array  
(
```

```
Name: April mean temperature (mean)
```

```
Description: Location April mean temperature (mean).
```

```
Descriptor: :environment:temperature:04-mean-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```

(
    [0] => :type:quantitative
)

)

[32] => Array
(

Name: April mean temperature (maximum)
Description: Location April mean temperature (maximum).
Descriptor: :environment:temperature:04-mean-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[33] => Array
(

Name: April maximum temperature (minimum)
Description: Location April maximum temperature (minimum).
Descriptor: :environment:temperature:04-max-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[34] => Array
(

Name: April maximum temperature (mean)

```

Description: Location April maximum temperature (mean).

Descriptor: :environment:temperature:04-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[35] => Array  
(
```

Name: April maximum temperature (maximum)

Description: Location April maximum temperature (maximum).

Descriptor: :environment:temperature:04-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[36] => Array  
(
```

Name: May minimum temperature (minimum)

Description: Location May minimum temperature (minimum).

Descriptor: :environment:temperature:05-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[37] => Array
(

Name: May minimum temperature (mean)

Description: Location May minimum temperature (mean).

Descriptor: :environment:temperature:05-min-mean

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[38] => Array
(

Name: May minimum temperature (maximum)

Description: Location May minimum temperature (maximum).

Descriptor: :environment:temperature:05-min-max

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[39] => Array
(

Name: May mean temperature (minimum)

Description: Location May mean temperature (minimum).

Descriptor: :environment:temperature:05-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[40] => Array  
(
```

Name: May mean temperature (mean)

Description: Location May mean temperature (mean).

Descriptor: :environment:temperature:05-mean-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[41] => Array  
(
```

Name: May mean temperature (maximum)

Description: Location May mean temperature (maximum).

Descriptor: :environment:temperature:05-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[42] => Array  
(
```

Name: May maximum temperature (minimum)

Description: Location May maximum temperature (minimum).

Descriptor: :environment:temperature:05-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[43] => Array  
(
```

Name: May maximum temperature (mean)

Description: Location May maximum temperature (mean).

Descriptor: :environment:temperature:05-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[44] => Array  
(
```

Name: May maximum temperature (maximum)

Description: Location May maximum temperature (maximum).

Descriptor: :environment:temperature:05-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative
```

```

)
)
[45] => Array
(
Name: June minimum temperature (minimum)
Description: Location June minimum temperature (minimum).
Descriptor: :environment:temperature:06-min-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[46] => Array
(
Name: June minimum temperature (mean)
Description: Location June minimum temperature (mean).
Descriptor: :environment:temperature:06-min-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[47] => Array
(
Name: June minimum temperature (maximum)
Description: Location June minimum temperature (maximum).
Descriptor: :environment:temperature:06-min-max

```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[48] => Array  
(
```

Name: June mean temperature (minimum)

Description: Location June mean temperature (minimum).

Descriptor: :environment:temperature:06-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[49] => Array  
(
```

Name: June mean temperature (mean)

Description: Location June mean temperature (mean).

Descriptor: :environment:temperature:06-mean-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[50] => Array
```

```

(
Name: June mean temperature (maximum)
Description: Location June mean temperature (maximum).
Descriptor: :environment:temperature:06-mean-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[51] => Array
(
Name: June maximum temperature (minimum)
Description: Location June maximum temperature (minimum).
Descriptor: :environment:temperature:06-max-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[52] => Array
(
Name: June maximum temperature (mean)
Description: Location June maximum temperature (mean).
Descriptor: :environment:temperature:06-max-mean
Data type: :type:int
Data format: Array
(

```

```

    [0] => :type:quantitative
)

)

[53] => Array
(

Name: June maximum temperature (maximum)
Description: Location June maximum temperature (maximum).
Descriptor: :environment:temperature:06-max-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[54] => Array
(

Name: July minimum temperature (minimum)
Description: Location July minimum temperature (minimum).
Descriptor: :environment:temperature:07-min-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[55] => Array
(

Name: July minimum temperature (mean)
Description: Location July minimum temperature (mean).

```

Descriptor: :environment:temperature:07-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[56] => Array  
(
```

Name: July minimum temperature (maximum)

Description: Location July minimum temperature (maximum).

Descriptor: :environment:temperature:07-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[57] => Array  
(
```

Name: July mean temperature (minimum)

Description: Location July mean temperature (minimum).

Descriptor: :environment:temperature:07-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[58] => Array  
(
```

```
Name: July mean temperature (mean)
```

```
Description: Location July mean temperature (mean).
```

```
Descriptor: :environment:temperature:07-mean-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[59] => Array  
(
```

```
Name: July mean temperature (maximum)
```

```
Description: Location July mean temperature (maximum).
```

```
Descriptor: :environment:temperature:07-mean-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[60] => Array  
(
```

```
Name: July maximum temperature (minimum)
```

```
Description: Location July maximum temperature (minimum).
```

```
Descriptor: :environment:temperature:07-max-min
```

```
Data type: :type:int
```

```
Data format: Array
```



```

(
    [0] => :type:quantitative
)

)

[61] => Array
(

Name: July maximum temperature (mean)
Description: Location July maximum temperature (mean).
Descriptor: :environment:temperature:07-max-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[62] => Array
(

Name: July maximum temperature (maximum)
Description: Location July maximum temperature (maximum).
Descriptor: :environment:temperature:07-max-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[63] => Array
(

Name: August minimum temperature (minimum)

```

Description: Location August minimum temperature (minimum).

Descriptor: :environment:temperature:08-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[64] => Array  
(
```

Name: August minimum temperature (mean)

Description: Location August minimum temperature (mean).

Descriptor: :environment:temperature:08-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[65] => Array  
(
```

Name: August minimum temperature (maximum)

Description: Location August minimum temperature (maximum).

Descriptor: :environment:temperature:08-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```

)
[66] => Array
(
Name: August mean temperature (minimum)
Description: Location August mean temperature (minimum).
Descriptor: :environment:temperature:08-mean-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[67] => Array
(
Name: August mean temperature (mean)
Description: Location August mean temperature (mean).
Descriptor: :environment:temperature:08-mean-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[68] => Array
(
Name: August mean temperature (maximum)
Description: Location August mean temperature (maximum).
Descriptor: :environment:temperature:08-mean-max
Data type: :type:int

```

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[69] => Array  
(
```

Name: August maximum temperature (minimum)

Description: Location August maximum temperature (minimum).

Descriptor: :environment:temperature:08-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[70] => Array  
(
```

Name: August maximum temperature (mean)

Description: Location August maximum temperature (mean).

Descriptor: :environment:temperature:08-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[71] => Array  
(
```

Name: August maximum temperature (maximum)

Description: Location August maximum temperature (maximum).

Descriptor: :environment:temperature:08-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[72] => Array  
(
```

Name: September minimum temperature (minimum)

Description: Location September minimum temperature (minimum).

Descriptor: :environment:temperature:09-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[73] => Array  
(
```

Name: September minimum temperature (mean)

Description: Location September minimum temperature (mean).

Descriptor: :environment:temperature:09-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative
```

```

)

)
[74] => Array
(
Name: September minimum temperature (maximum)
Description: Location September minimum temperature (maximum).
Descriptor: :environment:temperature:09-min-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
[75] => Array
(
Name: September mean temperature (minimum)
Description: Location September mean temperature (minimum).
Descriptor: :environment:temperature:09-mean-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
[76] => Array
(
Name: September mean temperature (mean)
Description: Location September mean temperature (mean).
Descriptor: :environment:temperature:09-mean-mean

```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[77] => Array  
(
```

Name: September mean temperature (maximum)

Description: Location September mean temperature (maximum).

Descriptor: :environment:temperature:09-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[78] => Array  
(
```

Name: September maximum temperature (minimum)

Description: Location September maximum temperature (minimum).

Descriptor: :environment:temperature:09-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[79] => Array
```

```

(
Name: September maximum temperature (mean)
Description: Location September maximum temperature (mean).
Descriptor: :environment:temperature:09-max-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[80] => Array
(
Name: September maximum temperature (maximum)
Description: Location September maximum temperature (maximum).
Descriptor: :environment:temperature:09-max-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[81] => Array
(
Name: October minimum temperature (minimum)
Description: Location October minimum temperature (minimum).
Descriptor: :environment:temperature:10-min-min
Data type: :type:int
Data format: Array
(

```



```

    [0] => :type:quantitative
  )
)
[82] => Array
(
Name: October minimum temperature (mean)
Description: Location October minimum temperature (mean).
Descriptor: :environment:temperature:10-min-mean
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
[83] => Array
(
Name: October minimum temperature (maximum)
Description: Location October minimum temperature (maximum).
Descriptor: :environment:temperature:10-min-max
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
[84] => Array
(
Name: October mean temperature (minimum)
Description: Location October mean temperature (minimum).

```

Descriptor: :environment:temperature:10-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[85] => Array  
(
```

Name: October mean temperature (mean)

Description: Location October mean temperature (mean).

Descriptor: :environment:temperature:10-mean-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[86] => Array  
(
```

Name: October mean temperature (maximum)

Description: Location October mean temperature (maximum).

Descriptor: :environment:temperature:10-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[87] => Array  
(
```

```
Name: October maximum temperature (minimum)
```

```
Description: Location October maximum temperature (minimum).
```

```
Descriptor: :environment:temperature:10-max-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[88] => Array  
(
```

```
Name: October maximum temperature (mean)
```

```
Description: Location October maximum temperature (mean).
```

```
Descriptor: :environment:temperature:10-max-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[89] => Array  
(
```

```
Name: October maximum temperature (maximum)
```

```
Description: Location October maximum temperature (maximum).
```

```
Descriptor: :environment:temperature:10-max-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```

(
    [0] => :type:quantitative
)

)

[90] => Array
(

Name: November minimum temperature (minimum)
Description: Location November minimum temperature (minimum).
Descriptor: :environment:temperature:11-min-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[91] => Array
(

Name: November minimum temperature (mean)
Description: Location November minimum temperature (mean).
Descriptor: :environment:temperature:11-min-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[92] => Array
(

Name: November minimum temperature (maximum)

```

Description: Location November minimum temperature (maximum).

Descriptor: :environment:temperature:11-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[93] => Array  
(
```

Name: November mean temperature (minimum)

Description: Location November mean temperature (minimum).

Descriptor: :environment:temperature:11-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[94] => Array  
(
```

Name: November mean temperature (mean)

Description: Location November mean temperature (mean).

Descriptor: :environment:temperature:11-mean-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[95] => Array
(

Name: November mean temperature (maximum)

Description: Location November mean temperature (maximum).

Descriptor: :environment:temperature:11-mean-max

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[96] => Array
(

Name: November maximum temperature (minimum)

Description: Location November maximum temperature (minimum).

Descriptor: :environment:temperature:11-max-min

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[97] => Array
(

Name: November maximum temperature (mean)

Description: Location November maximum temperature (mean).

Descriptor: :environment:temperature:11-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[98] => Array  
(
```

Name: November maximum temperature (maximum)

Description: Location November maximum temperature (maximum).

Descriptor: :environment:temperature:11-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[99] => Array  
(
```

Name: December minimum temperature (minimum)

Description: Location December minimum temperature (minimum).

Descriptor: :environment:temperature:12-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[100] => Array  
(
```

Name: December minimum temperature (mean)

Description: Location December minimum temperature (mean).

Descriptor: :environment:temperature:12-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[101] => Array  
(
```

Name: December minimum temperature (maximum)

Description: Location December minimum temperature (maximum).

Descriptor: :environment:temperature:12-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[102] => Array  
(
```

Name: December mean temperature (minimum)

Description: Location December mean temperature (minimum).

Descriptor: :environment:temperature:12-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative
```



```

)
)
[103] => Array
(
Name: December mean temperature (mean)
Description: Location December mean temperature (mean).
Descriptor: :environment:temperature:12-mean-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
[104] => Array
(
Name: December mean temperature (maximum)
Description: Location December mean temperature (maximum).
Descriptor: :environment:temperature:12-mean-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
[105] => Array
(
Name: December maximum temperature (minimum)
Description: Location December maximum temperature (minimum).
Descriptor: :environment:temperature:12-max-min

```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[106] => Array  
(
```

Name: December maximum temperature (mean)

Description: Location December maximum temperature (mean).

Descriptor: :environment:temperature:12-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[107] => Array  
(
```

Name: December maximum temperature (maximum)

Description: Location December maximum temperature (maximum).

Descriptor: :environment:temperature:12-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

)

```

)
[7] => Array
(
    Name: Bioclimatic
    Description: Bioclimatic
    Descriptor:
    Data type: :type:struct
    [children] => Array
    (
        [0] => Array
        (
            Name: Annual Mean Temperature
            Description: Annual mean temperature (C°).
            Descriptor: :environment:bio:01
            Data type: :type:int
            Data format: Array
            (
                [0] => :type:quantitative
            )
        )
    )
)
[1] => Array
(
    Name: Mean Diurnal Range
    Description: Mean diurnal range: mean of monthly (max temp -
    min temp) (C°).
    Descriptor: :environment:bio:02
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
)

```

```

[2] => Array
(
  Name: Isothermality
  Description: Isothermality ((Mean Diurnal Range / Temperature
Annual Range) × 100).
  Descriptor: :environment:bio:03
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

[3] => Array
(
  Name: Temperature Seasonality
  Description: Temperature seasonality (standard deviation ×
100).
  Descriptor: :environment:bio:04
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

[4] => Array
(
  Name: Maximum Temperature of Warmest Month
  Description: Maximum temperature of warmest month (C°).
  Descriptor: :environment:bio:05
  Data type: :type:int

```

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[5] => Array  
(
```

Name: Minimum Temperature of Coldest Month

Description: Minimum temperature of coldest month (C°).

Descriptor: :environment:bio:06

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[6] => Array  
(
```

Name: Temperature Annual Range

Description: Temperature annual range (Maximum Temperature of Warmest Month - Minimum Temperature of Coldest Month).

Descriptor: :environment:bio:07

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[7] => Array  
(
```

Name: Mean Temperature of Wettest Quarter

Description: Mean temperature of wettest quarter (C°).

Descriptor: :environment:bio:08

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)  
  
    )  
    [8] => Array  
    (  
    )
```

Name: Mean Temperature of Driest Quarter

Description: Mean temperature of driest quarter (C°).

Descriptor: :environment:bio:09

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)  
  
    )  
    [9] => Array  
    (  
    )
```

Name: Mean Temperature of Warmest Quarter

Description: Mean temperature of warmest quarter (C°).

Descriptor: :environment:bio:10

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

```

)
)
[10] => Array
(
Name: Mean Temperature of Coldest Quarter
Description: Mean temperature of coldest quarter (C°).
Descriptor: :environment:bio:11
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[11] => Array
(
Name: Annual Precipitation
Descriptor: :environment:bio:12
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
)
[12] => Array
(
Name: Precipitation of Wettest Month
Descriptor: :environment:bio:13
Data type: :type:int
Data format: Array

```

```

(
    [0] => :type:quantitative
)

)

[13] => Array
(

Name: Precipitation of Driest Month

Descriptor: :environment:bio:14

Data type: :type:int

Data format: Array

(
    [0] => :type:quantitative
)

)

[14] => Array
(

Name: Precipitation Seasonality

Description: Precipitation seasonality (Coefficient of
Variation).

Descriptor: :environment:bio:15

Data type: :type:float

Data format: Array

(
    [0] => :type:quantitative
)

)

[15] => Array
(

Name: Precipitation of Wettest Quarter

Descriptor: :environment:bio:16

```


Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[16] => Array  
(
```

Name: Precipitation of Driest Quarter

Descriptor: :environment:bio:17

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[17] => Array  
(
```

Name: Precipitation of Warmest Quarter

Descriptor: :environment:bio:18

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[18] => Array  
(
```

Name: Precipitation of Coldest Quarter

```

Descriptor: :environment:bio:19

Data type: :type:int

Data format: Array

(
    [0] => :type:quantitative
)

)

)

)

[8] => Array
(
    Name: Source of
environmental data
    Description: Information
and reference to the source of the environmental data.
    Descriptor:
:environment:source
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:discrete
        [1] =>
:~type:full-text-03
    )
)

[9] => Array
(
    Name: Environment tiles
    Description: Number of
tiles used in environmental data.
    Descriptor:
:environment:tiles
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:~type:quantitative
    )
)

[10] => Array
(

```

```

Name: Environment minimum
elevation
Description: Minimum
elevation of environmental data in meters above sea level.
Descriptor:
:environment:elevation-min
Data type: :type:int
Data format: Array
(
[0] =>
:type:quantitative
)
)
[11] => Array
(
Name: Environment mean
elevation
Description: Mean
elevation of environmental data in meters above sea level.
Descriptor:
:environment:elevation-mean
Data type: :type:int
Data format: Array
(
[0] =>
:type:quantitative
)
)
[12] => Array
(
Name: Environment
maximnum elevation
Description: Maximum
elevation of environmental data in meters above sea level.
Descriptor:
:environment:elevation-max
Data type: :type:int
Data format: Array
(
[0] =>
:type:quantitative
)
)
[13] => Array
(
Name: Environment minimum
distance
Description: Minimum
distance of environmental data in meters.

```

```

:environment:distance-min
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)
)
)
[14] => Array
(
Name: Environment mean
Description: Mean
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)
)
)
distance
distance of environmental data in meters.
:environment:distance-mean
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)
)
)
[15] => Array
(
Name: Environment
Description: Maximum
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)
)
)
maximnum distance
distance of environmental data in meters.
:environment:distance-max
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)
)
)
[16] => Array
(
Name: Global Human
Description: The Global
Human Footprint provides an updated map of anthropogenic impacts on
the environment in geographic projection which can be used in
wildlife conservation planning, natural resource management, and
research on human-environment interactions.
Descriptor:
:environment:ghf

```

```

Data type: :type:int
Data format: Array
      (
        [0] =>
:type:quantitative
        [1] =>
:type:list
      )
    )
  )
[12] => Array
(
  Name: Collecting date of sample
  Descriptor: mcpd:COLLDATE
  Data type: :type:date
  Data format: Array
    (
      [0] => :type:quantitative
    )
  )
[13] => Array
(
  Name: Collecting number
  Description: Original number assigned by the
collector(s) of the sample, normally composed of the name or initials
of the collector(s) followed by a number. This number is essential
for identifying duplicates held in different collections.
  Descriptor: mcpd:COLLNUMB
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:discrete
      [1] => :type:full-text-10
    )
  )
[14] => Array
(
  Name: Collecting/acquisition source
  Descriptor: mcpd:COLLSRC
  Data type: :type:enum
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-03
      [2] => :type:summary
    )
  )

```

```

)
[15] => Array
(
  Name: Biological status of accession
  Descriptor: mcpd:SAMPSTAT
  Data type: :type:enum
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
  )
)
[16] => Array
(
  Name: Taxon distribution
  Descriptor: :taxon:distribution
  Data type: :type:struct
  Data format: Array
  (
    [0] => :type:list
  )

  [children] => Array
  (
    [0] => Array
    (
      Name: Occurrence status
      Descriptor:

      Data type: :type:enum-set
      Data format: Array
      (
        [0] =>
        [1] =>
        [2] =>
      )
    )

    [1] => Array
    (
      Name: Occurrence notes
      Description: Notes on
      Descriptor:

      Data type: :type:text
      Data format: Array
      (

```

```

:~type:discrete
:~type:full-text-03
)
)
[2] => Array
(
Name: Distribution notes
Description: Notes on
Descriptor:
Data type: ~type:text
Data format: Array
(
[0] =>
[1] =>
)
)
)
[3] => Array
(
Name: Economic Value of
Descriptor:
Data type: ~type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
)
[4] => Array
(
Name: Economic value
Descriptor:
Data type: ~type:string
Data format: Array
(
[0] =>
)
)
)
)

```

taxon geographic distribution.

~taxon:distribution:notes

~type:discrete

~type:full-text-03

the Related Crop

~taxon:ecovalue

~type:discrete

~type:list

~type:full-text-03

ranking in country

~taxon:ecovalue:rank

~type:discrete

```

:taxon:full-text-03
[1] =>
)
)
[5] => Array
(
Name: Economic Value of
the Related Crop reference
Description: Citation of
reference source for the economic value of the related crop or any
bibliographic references related to the publication of the economic
value, the format should include the author, date, title, journal,
volume and page number or the DOI number.
Descriptor:
Data type: :type:text
Data format: Array
(
[0] =>
[1] =>
)
)
[6] => Array
(
Name: Continent
Description: This
attribute holds the enumerated value describing the location
continent.
Descriptor:
Data type: :type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
[7] => Array
(
Name: Country
Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.

```



```

:location:country
:location:admin
:location:region

:type:discrete
:type:full-text-06
:type:summary

attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.

attribute holds the region name.

Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
[8] => Array
(
    Name: Administrative unit
    Description: This
    Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
[9] => Array
(
    Name: Region
    Description: This
    Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[10] => Array

```

```

(
    Name: Primary
    Description: This
administrative unit attribute holds the name of the primary administrative unit below the
country.
    Descriptor:
:location:admin-1
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)

```

```

[11] => Array
(

```

```

    Name: Secondary
    Description: This
administrative unit attribute holds the name of the secondary administrative unit below
the primary administrative unit.
    Descriptor:
:location:admin-2
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)

```

```

[12] => Array
(

```

```

    Name: Lowest
    Description: This
administrative unit attribute holds the name of the lowest administrative unit, or local
name of the location.
    Descriptor:
:location:admin-3
    Data type: :type:string
    Data format: Array
(

```

```

:~type:~categorical
:~type:~full-text-06
)
)
[13] => Array
(
  Name: Locality
  Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
  Descriptor:
:~location:~locality
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
)
)
[17] => Array
(
  Name: Conservation
  Description: Taxon conservation actions.
  Descriptor: :~taxon:~conservation
  Data type: :~type:~struct
  Data format: Array
  (
    [0] => :~type:~list
  )
  [children] => Array
  (
    [0] => Array
    (
      Name: Conservation
      Descriptor:
      Data type: :~type:~enum-set
      Data format: Array
      (
        [0] =>

```

```

Actions Scheme
iucn:conservation
:~type:~categorical

```

```

:~type:full-text-03
:~type:summary
)
)
[1] => Array
(
  Name: Conservation
  Descriptor:
  Data type: :~type:enum
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
actions in place
:~taxon:conservation:in-place
:~type:categorical
:~type:summary
)
[2] => Array
(
  Name: Legislation types
  Description: Type of
  Descriptor:
  Data type: :~type:enum-set
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
legislation in which the taxon is included.
:~taxon:conservation:legislation
:~type:categorical
:~type:full-text-03
:~type:summary
)
[3] => Array
(
  Name: Continent
  Description: This
  Descriptor:
  Data type: :~type:enum
  Data format: Array
  (

```

```

[0] =>
:type:categorical
[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)
[4] => Array
(
    Name: Country
    Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
    Descriptor:
:type:enum
Data type: :type:enum
Data format: Array
(
[0] =>
:type:categorical
[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)
[5] => Array
(
    Name: Administrative unit
    Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
    Descriptor:
:type:enum
Data type: :type:enum
Data format: Array
(
[0] =>
:type:categorical
[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)
[6] => Array
(
    Name: Region

```

```

attribute holds the region name.
:location:region
:type:discrete
:type:full-text-06
Description: This
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[7] => Array
(
    Name: Primary
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
administrative unit
attribute holds the name of the primary administrative unit below the
country.
:location:admin-1
:type:categorycal
:type:full-text-06
:type:summary
Name: Primary
Description: This
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
[8] => Array
(
    Name: Secondary
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
administrative unit
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
:location:admin-2
:type:categorycal
:type:full-text-06
:type:summary
Name: Secondary
Description: This
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)

```

```

    )
    [9] => Array
    (
        Name: Lowest
administrative unit
        Description: This
attribute holds the name of the lowest administrative unit, or local
name of the location.
        Descriptor:
:location:admin-3
        Data type: :type:string
Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
        )
    )
    [10] => Array
    (
        Name: Locality
        Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
        Descriptor:
:location:locality
        Data type: :type:string
Data format: Array
        (
            [0] =>
:~type:~discrete
            [1] =>
:~type:~full-text-06
        )
    )
)
)
[18] => Array
(
    Name: Threats
    Description: Taxon threatened status.
    Descriptor: :taxon:threat
    Data type: :type:struct
    Data format: Array
    (
        [0] => :type:list

```

```

)
[children] => Array
(
  [0] => Array
    (
      Name: Red list category
      Descriptor: iucn:category
      Data type: :type:enum-set
      Data format: Array
      (
        [0] =>
          :type:categorical
        [1] =>
          :type:full-text-03
        [2] =>
          :type:summary
      )
    )
  [1] => Array
    (
      Name: Red list criteria
      Descriptor: iucn:criteria
      Data type: :type:enum-set
      Data format: Array
      (
        [0] =>
          :type:categorical
        [1] =>
          :type:full-text-03
        [2] =>
          :type:summary
      )
    )
  [2] => Array
    (
      Name: Red list criteria
      Descriptor:
      Data type: :type:string
      Data format: Array
      (
        [0] =>
          citation
        [1] =>
          iucn:criteria-citation
      )
    )
  [3] => Array

```



```

(
  Name: Threats
  Descriptor: iucn:threat
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
  )
  Classification Scheme
  :type:categorical
  :type:full-text-03
  :type:summary
)
)
[4] => Array
(
  Name: NatureServe threat
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
  status code
  natserve:threat:code
  :type:categorical
  :type:full-text-03
)
)
[5] => Array
(
  Name: Occurrence status
  Descriptor:
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
  :taxon:occurrence-status
  :type:categorical
  :type:full-text-06
  :type:summary
)
)
[6] => Array
(
  Name: Red list assessment
  level
)

```

```

:taxon:threat:assessment
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
:type:categoryal
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[7] => Array
(
    Name: Other Red List
    Description: Red List
categories and criteria
category, criteria and subcriteria that apply to the taxon as a
result of the Red listing process using the alternative system, if
the taxon has not been assessed using the IUCN Red List Categories
and Criteria Version 3.1.
Descriptor:
:taxon:threat:other-red-list-criteria
Data type: :type:string
Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-03
)
)
[8] => Array
(
    Name: Year of IUCN Red
List assessment
    Description: Year in
which Red List assessment was carried out [YYYY].
Descriptor:
:taxon:threat:assessment:year
Data type: :type:int
Data format: Array
(
    [0] =>
:type:quantitative
)
)
[9] => Array
(

```

```

Name: URL publication
details of Red List assessment
Description: URL linking
to the additional Red List assessment publication details.
Descriptor:
:taxon:threat:assessment:url
Data type: :type:url
Data format: Array
(
    [0] =>
:type:discrete
)
)
[10] => Array
(
    Name: References details
of Red List assessment
Description: Any
bibliographic references related to the publication of the checklist,
the format should include the author, date, title, journal, volume
and page number or the DOI number.
Descriptor:
:taxon:threat:assessment:ref
Data type: :type:string
Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:list
)
)
[11] => Array
(
    Name: Threaten status
according to national criteria
Description: Threat
status according to national criteria.
Descriptor:
:taxon:threat:national
Data type: :type:string
Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-03
)
)
[12] => Array

```

```

(
  Name: National unit code
  Descriptor:
:taxon:threat:national:ucode
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[13] => Array
(
  Name: National unit
  Descriptor:
description
:taxon:threat:national:udescr
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[14] => Array
(
  Name: National unit
  Descriptor:
authority
:taxon:threat:national:uauth
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[15] => Array
(
  Name: Year of national
  Descriptor:
red list assessment
:taxon:threat:national:year
  Data type: :type:year

```

```

Data format: Array
(
    [0] =>
:type:quantitative
)
)
[16] => Array
(
    Name: Period of
    Descriptor:
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
:type:summary
)
)
)
[17] => Array
(
    Name: Continent
    Description: This
attribute holds the enumerated value describing the location
continent.
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
:type:summary
)
)
)
[18] => Array
(
    Name: Country
    Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
    Descriptor:
:type:summary
)
)
)

```

```

Data type: :type:enum
Data format: Array
    (
        [0] =>
:type:enumeration
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[19] => Array
    (
        Name: Administrative unit
        Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
        Descriptor:
        Data type: :type:enum
        Data format: Array
            (
                [0] =>
:type:enumeration
                [1] =>
:type:full-text-06
                [2] =>
:type:summary
            )
    )
[20] => Array
    (
        Name: Region
        Description: This
attribute holds the region name.
        Descriptor:
        Data type: :type:string
        Data format: Array
            (
                [0] =>
:type:discrete
                [1] =>
:type:full-text-06
            )
    )
[21] => Array
    (

```

```

administrative unit
attribute holds the name of the primary administrative unit below the
country.
:location:admin-1
:type:summary
Name: Primary
Description: This
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)

```

```
[22] => Array
(
```

```

administrative unit
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
:location:admin-2
:type:summary
Name: Secondary
Description: This
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)

```

```
[23] => Array
(
```

```

administrative unit
attribute holds the name of the lowest administrative unit, or local
name of the location.
:location:admin-3
:type:summary
Name: Lowest
Description: This
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
)

```

```

:~type:full-text-06
[1] =>
)
)
[24] => Array
(
Name: Locality
Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
Descriptor:
:location:locality
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
)
)
)
)
[19] => Array
(
Name: Crossability
Description: Crossability attributes.
Descriptor: :~taxon:cross
Data type: :~type:struct
Data format: Array
(
[0] => :~type:list
)
[children] => Array
(
[0] => Array
(
Name: List of species
Descriptor:
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
)
)
crosses
:~taxon:cross:species
:~type:categorical
:~type:list

```



```

                                                                 [2] =>
:type:full-text-06
                                                                 )
                                                                 )
[1] => Array
  (
    Name: Methods used for
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
      [0] =>
      [1] =>
      [2] =>
    )
  )
:taxon:cross:methods
:type:crosses
:type:categorical
:type:list
:type:full-text-03
                                                                 )
[2] => Array
  (
    Name: Cross references
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
      [0] =>
      [1] =>
      [2] =>
    )
  )
:taxon:cross:references
:type:discrete
:type:list
:type:full-text-03
                                                                 )
[3] => Array
  (
    Name: Success rate of
    Description: Percentage
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
      [0] =>
      [1] =>
      [2] =>
    )
  )
:taxon:cross:success
:type:crosses
(%) or evaluation of success rate for crosses.
:type:discrete
```

```

)
)
[4] => Array
(
    Name: Population type
    Description: Type of
cross population.
    Descriptor:
:taxon:cross:population
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:taxon:cross:population
        )
    )
)
)
[20] => Array
(
    Name: Superclass
    Descriptor: :taxon:superclassis
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[21] => Array
(
    Name: Class
    Descriptor: :taxon:classis
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[22] => Array
(
    Name: Subclass
    Descriptor: :taxon:subclassis

```

```

Data type: :type:string
Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
[23] => Array
    (
        Name: Infraclass
        Descriptor: :taxon:infraclassis
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
                [2] => :type:summary
            )
    )
[24] => Array
    (
        Name: Parvclass
        Descriptor: :taxon:parvclassis
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
                [2] => :type:summary
            )
    )
[25] => Array
    (
        Name: Superfamily
        Descriptor: :taxon:superfamilia
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
                [2] => :type:summary
            )
    )
[26] => Array
    (
        Name: Family
        Descriptor: :taxon:familia

```

```

Data type: :type:string
Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
[27] => Array
    (
        Name: Family authority
        Descriptor: :taxon:familia:author
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )
[28] => Array
    (
        Name: Subfamily
        Descriptor: :taxon:subfamilia
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
                [2] => :type:summary
            )
    )
[29] => Array
    (
        Name: Genus
        Descriptor: :taxon:genus
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
                [2] => :type:summary
            )
    )
[30] => Array
    (
        Name: Genus authority
        Descriptor: :taxon:genus:author
        Data type: :type:string

```

```

        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[31] => Array
    (
        Name: Subgenus
        Descriptor: :taxon:subgenus
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[32] => Array
    (
        Name: Section
        Descriptor: :taxon:sectio
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[33] => Array
    (
        Name: Series
        Descriptor: :taxon:series
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[34] => Array
    (
        Name: Variety
        Descriptor: :taxon:varietas
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )

```

```

    )
)
[35] => Array
(
  Name: Variety authority
  Descriptor: :taxon:varietas:author
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[36] => Array
(
  Name: Form
  Descriptor: :taxon:forma
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
  )
)
[37] => Array
(
  Name: Form authority
  Descriptor: :taxon:forma:author
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[38] => Array
(
  Name: Domain
  Descriptor: :taxon:superregnum
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)

```

```

[39] => Array
  (
    Name: Kingdom
    Descriptor: :taxon:regnum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[40] => Array
  (
    Name: Subkingdom
    Descriptor: :taxon:subregnum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[41] => Array
  (
    Name: Infrakingdom or Branch
    Descriptor: :taxon:infraregnum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[42] => Array
  (
    Name: Legion
    Descriptor: :taxon:legio
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

```

```

[43] => Array
  (
    Name: Cohort
    Descriptor: :taxon:cohors
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[44] => Array
  (
    Name: Magnorder or Megaorder
    Descriptor: :taxon:magnordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[45] => Array
  (
    Name: Superorder
    Descriptor: :taxon:superordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[46] => Array
  (
    Name: Grandorder
    Descriptor: :taxon:grandordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

```



```

[47] => Array
  (
    Name: Grandorder
    Descriptor: :taxon:mirordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[48] => Array
  (
    Name: Order
    Descriptor: :taxon:ordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[49] => Array
  (
    Name: Suborder
    Descriptor: :taxon:subordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[50] => Array
  (
    Name: Infraorder
    Descriptor: :taxon:infraordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

```

```

[51] => Array
  (
    Name: Parvorder
    Descriptor: :taxon:parvordo
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[52] => Array
  (
    Name: Superphylum or Superdivision
    Descriptor: :taxon:superphylum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[53] => Array
  (
    Name: Phylum or Division
    Descriptor: :taxon:phylum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[54] => Array
  (
    Name: Subphylum
    Descriptor: :taxon:subphylum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

```

```

[55] => Array
  (
    Name: Infraphylum
    Descriptor: :taxon:infraphylum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[56] => Array
  (
    Name: Microphylum
    Descriptor: :taxon:microphylum
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[57] => Array
  (
    Name: Superspecies
    Descriptor: :taxon:superspecies
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
)

[58] => Array
  (
    Name: Species
    Descriptor: :taxon:species
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
)

[59] => Array

```

```

(
  Name: Species authority
  Descriptor: :taxon:species:author
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:discrete
      [1] => :type:full-text-03
    )
)

[60] => Array
(
  Name: Subspecies
  Descriptor: :taxon:subspecies
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
    )
)

[61] => Array
(
  Name: Subspecies authority
  Descriptor: :taxon:subspecies:author
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:discrete
      [1] => :type:full-text-03
    )
)

[62] => Array
(
  Name: Supertribe
  Descriptor: :taxon:supertribus
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[63] => Array
(
  Name: Tribe
  Descriptor: :taxon:tribus

```

```

        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[64] => Array
    (
        Name: Subtribe
        Descriptor: :taxon:subtribus
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[65] => Array
    (
        Name: Taxonomic rank
        Description: This attribute holds the
enumerated value describing the rank or position in the taxonomic
hierarchy.
        Descriptor: :taxon:rank
        Data type: :type:enum
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[66] => Array
    (
        Name: Crop
        Descriptor: :taxon:crop
        Data type: :type:enum
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
    )
[67] => Array
    (

```

```

Name: Chromosome number
Descriptor: :taxon:chromosome-number
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:list
        [2] => :type:full-text-03
    )
)

[68] => Array
    (
        Name: Gene Pool
        Descriptor: :taxon:genepool
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-03
            )
    )

[69] => Array
    (
        Name: Gene Pool reference
        Descriptor: :taxon:genepool-ref
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
            )
    )

[70] => Array
    (
        Name: Taxon group
        Descriptor: :taxon:group
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-03
            )
    )

[71] => Array
    (
        Name: Taxon group reference

```

```

Descriptor: :taxon:group-ref
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)

[72] => Array
    (
        Name: GP/TG group concept
        Descriptor: :taxon:gp/tg
        Data type: :type:text
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
            )
    )

[73] => Array
    (
        Name: Taxon sub-group
        Descriptor: :taxon:sub-group
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-03
            )
    )

[74] => Array
    (
        Name: Taxon sub-group reference
        Descriptor: :taxon:sub-group-ref
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
            )
    )

[75] => Array
    (
        Name: Taxon designation
        Description: Type of taxon.
        Descriptor: :taxon:designation
        Data type: :type:string
    )

```

```

        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[76] => Array
    (
        Name: Taxon designation references
        Description: Database, literature or personal
communication reference for listing of taxon as a crop wild relative
or wild utilised species.
        Descriptor: :taxon:designation:ref
        Data type: :type:text
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[77] => Array
    (
        Name: Taxon national designation
        Descriptor: :taxon:designation:national
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
        )
    )
[78] => Array
    (
        Name: Taxon primary or prioritised uses
        Description: Designation of the primary or
prioritized use of the associated crop or the wild utilised species
taxon.
        Descriptor: :taxon:designation:use
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )

```



```

[79] => Array
(
    Name: Designation notes
    Description: Notes on occurrence and
designations status from databases, literature or personal
communications.
    Descriptor: :taxon:designation:notes
    Data type: :type:text
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)

[80] => Array
(
    Name: Relation to crop
    Descriptor: :taxon:rel-crop
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)

[81] => Array
(
    Name: Associated crop taxa
    Description: Scientific names of the associated
crop to which the crop wild relative is related.
    Descriptor: :taxon:rel-crop:taxa
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:list
        [2] => :type:full-text-03
    )
)

[82] => Array
(
    Name: Associated_crop_common names
    Description: The vernacular names of the
associated crop taxon to which the crop wild relative is related.
    Descriptor: :taxon:rel-crop:names
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical

```

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[1] => :type:list
[2] => :type:full-text-03
)
)
[83] => Array
(
  Name: Occurrence status
  Descriptor: :taxon:occurrence-status
  Data type: :type:enum-set
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[84] => Array
(
  Name: Scientific name
  Descriptor: :taxon:epithet
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
  )
)
[85] => Array
(
  Name: Scientific name authority
  Descriptor: :taxon:author
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[86] => Array
(
  Name: Species name
  Descriptor: :taxon:species:name
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)

```

```

    )
)
[87] => Array
(
  Name: Intraspecific epithet
  Descriptor: :taxon:infraspecies
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
  )
)
[88] => Array
(
  Name: Intraspecific authority
  Descriptor: :taxon:infraspecies:author
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[89] => Array
(
  Name: Valid scientific name
  Descriptor: :taxon:valid
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
  )
)
[90] => Array
(
  Name: Scientific name synonyms
  Descriptor: :taxon:synonym
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:list
    [2] => :type:full-text-03
  )
)

```

```

[91] => Array
  (
    Name: Common taxon names
    Descriptor: :taxon:names
    Data type: :type:language-strings
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
)

[92] => Array
  (
    Name: Taxonomic reference
    Description: This attribute holds the internet
address in which the current taxon is published.
    Descriptor: :taxon:url
    Data type: :type:url
    Data format: Array
      (
        [0] => :type:discrete
      )
    )
)

[93] => Array
  (
    Name: Scientific name identifier
    Descriptor: :taxon:id
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
      )
    )
)

[94] => Array
  (
    Name: Scientific name reference
    Descriptor: :taxon:reference
    Data type: :type:url
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:list
      )
    )
)

[95] => Array
  (
    Name: Scientific name synonyms references

```

```

Descriptor: :taxon:synref
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:list
    )
)

[96] => Array
    (
        Name: Annex 1 group
        Descriptor: :taxon:annex-1
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
    )

[97] => Array
    (
        Name: Annex 1 notes
        Descriptor: :taxon:annex-1:notes
        Data type: :type:text
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )

[98] => Array
    (
        Name: Taxon policy notes
        Descriptor: :taxon:unit:policy:notes
        Data type: :type:text
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )

[99] => Array
    (
        Name: Elevation
        Description: This attribute holds the location
elevation in meters, positive values indicate above the sea level and

```

negative values indicate below sea level. For areas, this attribute should hold the mean elevation.

```
Descriptor: :location:site:elevation
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)

[100] => Array
(
    Name: Minimum elevation
    Description: This attribute holds the location
minimum elevation in meters, positive values indicate above the sea
level and negative values indicate below sea level.
    Descriptor: :location:site:elevation:min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[101] => Array
(
    Name: Maximum elevation
    Description: This attribute holds the location
maximum elevation in meters, positive values indicate above the sea
level and negative values indicate below sea level.
    Descriptor: :location:site:elevation:max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[102] => Array
(
    Name: Elevation uncertainty
    Description: This attribute holds the location
elevation uncertainty in meters, positive values indicate above the
sea level and negative values indicate below sea level.
    Descriptor: :location:site:elevation:error
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

```

[103] => Array
(
    Name: Datum
    Description: Datum of the projection used to
obtain the coordinates. If not provided 'WGS 1984' will be used. A
horizontal geodetic datum based on an ellipsoid that has its origin
at the earth's center of mass. Examples are the World Geodetic System
of 1984, the North American Datum of 1983, and the Geodetic Datum of
Australia of 1994. The first uses the WGS84 ellipsoid; the latter two
use the GRS80 ellipsoid.
    Descriptor: :location:site:datum
    Data type: :type:enum
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
    )
)

[104] => Array
(
    Name: Decimal latitude
    Description: This attribute holds the location
latitude in decimal degrees.
    Descriptor: :location:site:latitude
    Data type: :type:float
    Data format: Array
        (
            [0] => :type:quantitative
        )
    )
)

[105] => Array
(
    Name: Provided latitude
    Description: This attribute holds the location
latitude as it was provided.
    Descriptor: :location:site:latitude:provided
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
        )
    )
)

[106] => Array
(
    Name: Degrees of latitude
    Description: This attribute holds the location
latitude degrees.
    Descriptor: :location:site:latitude:deg
    Data type: :type:int
)

```

```

        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[107] => Array
(
    Name: Minutes of latitude
    Description: This attribute holds the location
latitude minutes.
    Descriptor: :location:site:latitude:min
    Data type: :type:float
    Data format: Array
        (
            [0] => :type:discrete
        )
    )

[108] => Array
(
    Name: Seconds of latitude
    Description: This attribute holds the location
latitude seconds.
    Descriptor: :location:site:latitude:sec
    Data type: :type:float
    Data format: Array
        (
            [0] => :type:discrete
        )
    )

[109] => Array
(
    Name: Latitude hemisphere
    Description: This attribute holds the location
latitude hemisphere, accepted values are N for North and S for South.
    Descriptor: :location:site:latitude:hem
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
        )
    )

[110] => Array
(
    Name: Latitude uncertainty
    Description: This attribute holds the location
latitude uncertainty in meters.
    Descriptor: :location:site:latitude:error
    Data type: :type:int

```



```

        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[111] => Array
(
    Name: Decimal longitude
    Description: This attribute holds the location
longitude in decimal degrees.
    Descriptor: :location:site:longitude
    Data type: :type:float
    Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[112] => Array
(
    Name: Provided longitude
    Description: This attribute holds the location
longitude as it was provided.
    Descriptor: :location:site:longitude:provided
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
        )
    )

[113] => Array
(
    Name: Degrees of longitude
    Description: This attribute holds the location
longitude degrees.
    Descriptor: :location:site:longitude:deg
    Data type: :type:int
    Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[114] => Array
(
    Name: Minutes of longitude
    Description: This attribute holds the location
longitude minutes.
    Descriptor: :location:site:longitude:min
    Data type: :type:float

```

```

        Data format: Array
        (
            [0] => :type:discrete
        )
    )

[115] => Array
(
    Name: Seconds of longitude
    Description: This attribute holds the location
longitude seconds.
    Descriptor: :location:site:longitude:sec
    Data type: :type:float
    Data format: Array
        (
            [0] => :type:discrete
        )
    )

[116] => Array
(
    Name: Longitude hemisphere
    Description: This attribute holds the location
longitude hemisphere, accepted values are E for East and W for West.
    Descriptor: :location:site:longitude:hem
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
        )
    )

[117] => Array
(
    Name: Longitude uncertainty
    Description: This attribute holds the location
longitude uncertainty in meters.
    Descriptor: :location:site:longitude:error
    Data type: :type:int
    Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[118] => Array
(
    Name: Maximum error distance
    Descriptor: :location:site:error
    Data type: :type:int
    Data format: Array
        (

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```

        [0] => :type:quantitative
    )
)
[119] => Array
(
    Name: Coordinates restricted
    Description: This attribute indicates whether
the coordinates may or may not be published.
    Descriptor: :location:site:coordinates-
restricted
    Data type: :type:boolean
    Data format: Array
    (
        [0] => :type:discrete
    )
)
[120] => Array
(
    Name: Nearest named place
    Description: Name of nearest place to site.
This also refers to places that may not have proper names (i.e. road
junctions).
    Descriptor: :location:near-place
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)
[121] => Array
(
    Name: Distance from nearest named place
    Description: Distance from nearest named place
to site in meters.
    Descriptor: :location:near-dist
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
[122] => Array
(
    Name: Direction from nearest named place
    Description: Direction of site from nearest
named place in degrees relative to North.
    Descriptor: :location:near-dir

```

```

        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[123] => Array
(
    Name: Continent
    Description: This attribute holds the
enumerated value describing the location continent.
    Descriptor: :location:continent
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)

[124] => Array
(
    Name: Country
    Description: This attribute holds the
enumerated value describing the location country. For historical
reasons legacy countries are included.
    Descriptor: :location:country
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)

[125] => Array
(
    Name: Administrative unit
    Description: This attribute holds the
enumerated value describing the administrative unit of the location,
the code can describe either a continent, country or country
subdivision.
    Descriptor: :location:admin
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)

```

```

)
[126] => Array
(
  Name: Georeference date
  Descriptor: :location:site:georeference-date
  Data type: :type:date
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
[127] => Array
(
  Name: Georeference contact
  Descriptor: :location:site:georeference-contact
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[128] => Array
(
  Name: Georeference source
  Descriptor: :location:site:georeference-source
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[129] => Array
(
  Name: Georeferencing method
  Descriptor: :location:site:georeference-method
  Data type: :type:enum
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
  )
)
[130] => Array

```

```

(
  Name: Georeference tool
  Descriptor: :location:site:georeference-tool
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-03
    )
)

[131] => Array
(
  Name: Georeference latitude
  Description: This attribute holds the location
georeference latitude in decimal degrees.
  Descriptor: :location:site:georeference-
latitude
  Data type: :type:float
  Data format: Array
    (
      [0] => :type:quantitative
    )
)

[132] => Array
(
  Name: Georeference longitude
  Description: This attribute holds the location
georeference longitude in decimal degrees.
  Descriptor: :location:site:georeference-
longitude
  Data type: :type:float
  Data format: Array
    (
      [0] => :type:quantitative
    )
)

[133] => Array
(
  Name: Georeference error
  Descriptor: :location:site:georeference-error
  Data type: :type:int
  Data format: Array
    (
      [0] => :type:quantitative
    )
)

[134] => Array
(

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```

Name: Georeference original coordinate
Descriptor: :location:site:georeference-old
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
    )
)

[135] => Array
(
    Name: Georeference notes
    Descriptor: :location:site:georeference-notes
    Data type: :type:text
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
)

[136] => Array
(
    Name: Habitat type
    Descriptor: iucn:habitat
    Data type: :type:enum-set
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
)

[137] => Array
(
    Name: Habitat type scoring
    Descriptor: iucn:habitat-score
    Data type: :type:enum
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
)

[138] => Array
(
    Name: Habitat type
    Descriptor: eec:EUNIS
    Data type: :type:enum-set

```

```

        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
    )
[139] => Array
(
    Name: National habitat unit code
    Descriptor: :location:site:unit-code
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)
[140] => Array
(
    Name: National habitat unit description
    Descriptor: :location:site:unit-descr
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)
[141] => Array
(
    Name: National habitat unit authority file
    Description: Authority file to which the
habitat refers.
    Descriptor: :location:site:unit-file
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)
[142] => Array
(
    Name: National habitat unit authority file
version
    Description: Version of authority file used.
    Descriptor: :location:site:unit-file-vers

```



```

Data type: :type:string
Data format: Array
(
    [0] => :type:discrete
    [1] => :type:full-text-03
)
)
[143] => Array
(
    Name: Land element and position
    Description: Description of the geomorphology
of the immediate surroundings of the collecting site (adapted from
FAO, 1990).
    Descriptor: :location:site:position
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)
[144] => Array
(
    Name: Land slope
    Description: Estimated slope of the site in
degrees.
    Descriptor: :location:site:slope
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
[145] => Array
(
    Name: Land slope aspect
    Description: The direction that the slope
faces, with symbols N, S, E, W (e.g. a slope that faces a south-
western direction has an aspect of SW).
    Descriptor: :location:site:slope:aspect
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
    )
)
[146] => Array

```

```

(
    Name: Site identifier
    Description: This attribute holds the unique
identifier of the site.
    Descriptor: :location:site:id
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-06
        )
)

[147] => Array
(
    Name: Site notes
    Descriptor: :location:site:notes
    Data type: :type:text
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
)

[148] => Array
(
    Name: Site legislation
    Descriptor: :location:site:legislation
    Data type: :type:enum
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
)

[149] => Array
(
    Name: Site ownership
    Descriptor: :location:site:ownership
    Data type: :type:enum
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
)

[150] => Array

```

```

(
    Name: Site monitoring
    Description: Whether any monitoring of the site
is foreseen across years.
    Descriptor: :location:site:monitored
    Data type: :type:enum
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:summary
        )
)

[151] => Array
(
    Name: Monitoring author/compiler
    Description: Name of person or entity in charge
of the monitoring.
    Descriptor: :location:site:monitor
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
)

[152] => Array
(
    Name: Monitoring interval
    Description: Monitoring interval in years.
    Descriptor: :location:site:monitor:interval
    Data type: :type:int
    Data format: Array
        (
            [0] => :type:quantitative
        )
)

[153] => Array
(
    Name: Region
    Description: This attribute holds the region
name.
    Descriptor: :location:region
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-06
        )
)

```

```
[154] => Array
(
    Name: Primary administrative unit
    Description: This attribute holds the name of
the primary administrative unit below the country.
    Descriptor: :location:admin-1
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
```

```
[155] => Array
(
    Name: Secondary administrative unit
    Description: This attribute holds the name of
the secondary administrative unit below the primary administrative
unit.
    Descriptor: :location:admin-2
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
```

```
[156] => Array
(
    Name: Lowest administrative unit
    Description: This attribute holds the name of
the lowest administrative unit, or local name of the location.
    Descriptor: :location:admin-3
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
    )
)
```

```
[157] => Array
(
    Name: Locality
    Description: This attribute holds the
description or name of the location, this might include the distance
in kilometres and direction from the nearest town, village or map
grid reference point.
```

```

Descriptor: :location:locality
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-06
    )
)

[158] => Array
    (
        Name: CWR site protection
        Descriptor: :location:site:protected
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
    )

[159] => Array
    (
        Name: World Database of Protected Areas code
        Description: World Database of Protected Areas
unique site code (WDPA) ( source: http://www.wdpa.org/).
        Descriptor: :location:site:WDPA
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )

[160] => Array
    (
        Name: Soil texture
        Descriptor: :location:site:texture
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
    )

[161] => Array
    (
        Name: Soil moisture

```

the soil. Description: Moisture conditions prevailing in

Descriptor: :location:site:moisture

Data type: :type:enum

Data format: Array

```
(
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
)
```

)

[162] => Array

```
(
    Name: Soil Ph.
    Descriptor: :location:site:ph
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)
```

)

[163] => Array

```
(
    Name: Soil acidity value
    Description: Actual measurement of soil acidity
    at related depth.
    Descriptor: :location:site:ph:value
    Data type: :type:float
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

)

[164] => Array

```
(
    Name: Ph. measurement depth
    Description: Depth in centimetres at which soil
    acidity condition was recorded.
    Descriptor: :location:site:ph:depth
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

)

[165] => Array

```

(
  Name: Soil salinity
  Descriptor: :location:site:salt
  Data type: :type:enum
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-03
      [2] => :type:summary
    )
)

[166] => Array
(
  Name: Soil acidity value
  Description: Actual measurement of soil
salinity in ppm at related depth.
  Descriptor: :location:site:salt:value
  Data type: :type:float
  Data format: Array
    (
      [0] => :type:quantitative
    )
)

[167] => Array
(
  Name: Salinity measurement depth
  Description: Depth in centimetres at which soil
salinity condition was recorded.
  Descriptor: :location:site:salt:depth
  Data type: :type:int
  Data format: Array
    (
      [0] => :type:quantitative
    )
)

[168] => Array
(
  Name: Land use (FAO)
  Descriptor: fao:landuse
  Data type: :type:enum-set
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-03
      [2] => :type:summary
    )
)

[169] => Array

```

```
(
  Name: Land use (CORINE)
  Descriptor: eec:CORINE
  Data type: :type:enum-set
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-03
      [2] => :type:summary
    )
  )
)
```


Collecting mission

Collecting mission (descriptive format)

```
[node] => 32184
Name: Collecting mission
Description: This structure contains all default properties of a
collecting mission.
[children] => Array
  (
    [0] => Array
      (
        Name: Dataset
        Description: Name or code identifying the dataset
or catalogue that provided the information.
        Descriptor: :inventory:dataset
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
          )
        )
    [1] => Array
      (
        Name: Material transfers
        Description: List of samples transferred.
        Descriptor: :germplasm:mt
        Data type: :type:struct
        Data format: Array
          (
            [0] => :type:list
          )
        [children] => Array
          (
            [0] => Array
              (
                Name: Sample
                Description: This
attribute holds the reference to a collected sample.
                Descriptor:
:germplasm:sample
                Data type: :type:ref:unit
              )
            [1] => Array
              (
                Name: Accession
                Description: This
attribute holds a reference to an accession.
                Descriptor:
:germplasm:accession
                Data type: :type:ref:unit
              )
          )
      )
  )
```

```

[2] => Array
(
    Name: Germplasm identifier
    Description: This
attribute holds the unique identifier of the germplasm.
    Descriptor:
:germplasm:identifier
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

[3] => Array
(
    Name: Holding institute
code
    Description: The FAO/WIEWS
code of the institute holding the accession.
    Descriptor: mcpd:INSTCODE
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

[4] => Array
(
    Name: Accession number
    Description: This code
serves as a unique identifier for accessions within a genebank
collection, and is assigned when a sample is entered into the genebank
collection.
    Descriptor: mcpd:ACCENUMB
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

[5] => Array
(

```

```

Name: Superclass
Descriptor:

:taxon:superclassis
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)

[6] => Array
(
    Name: Class
    Descriptor: :taxon:classis
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:superclassis
:type:categorycal
:type:full-text-06
:type:summary

[7] => Array
(
    Name: Subclass
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:subclassis
:type:categorycal
:type:full-text-06
:type:summary

[8] => Array
(
    Name: Infraclass
    Descriptor:

    Data type: :type:string
    Data format: Array
    (

```

```

:taxon:parvclassis
  :type:summary
    [2] =>
  :type:full-text-06
    [1] =>
  :type:categorical
    [0] =>
  )
)
[9] => Array
  (
    Name: Parvclass
    Descriptor:
      Data type: :type:string
      Data format: Array
        (
          [2] =>
          [1] =>
          [0] =>
        )
  )
)
[10] => Array
  (
    Name: Superfamily
    Descriptor:
      Data type: :type:string
      Data format: Array
        (
          [2] =>
          [1] =>
          [0] =>
        )
  )
)
[11] => Array
  (
    Name: Family
    Descriptor: :taxon:familia
    Data type: :type:string
    Data format: Array
      (
        [2] =>
        [1] =>
        [0] =>
      )
  )
)
:taxon:superfamilia
  :type:summary
    [2] =>
  :type:full-text-06
    [1] =>
  :type:categorical
    [0] =>
  )
)
:taxon:parvclassis
  :type:summary
    [2] =>
  :type:full-text-06
    [1] =>
  :type:categorical
    [0] =>
  )
)

```

```

)
)
[12] => Array
(
    Name: Family authority
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
:taxon:familia:author
:type:discrete
:type:full-text-03

[13] => Array
(
    Name: Subfamily
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
:taxon:subfamilia
:type:categorical
:type:full-text-06
:type:summary

[14] => Array
(
    Name: Genus
    Descriptor: :taxon:genus
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
:type:categorical
:type:full-text-06
:type:summary

[15] => Array
(
    Name: Genus authority

```

```

:taxon:genus:author
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[16] => Array
(
    Name: Subgenus
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
:taxon:subgenus
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
:type:discrete
:type:full-text-03
:type:full-text-06
[17] => Array
(
    Name: Section
    Descriptor: :taxon:sectio
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
:type:full-text-06
[18] => Array
(
    Name: Series
    Descriptor: :taxon:series
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
:type:full-text-06
:type:full-text-06

```

```

[19] => Array
(
    Name: Variety
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

```

:taxon:varietas

:type:categorical

:type:full-text-06

```

[20] => Array
(
    Name: Variety authority
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

```

:taxon:varietas:author

:type:discrete

:type:full-text-03

```

[21] => Array
(
    Name: Form
    Descriptor: :taxon:forma
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

```

:type:categorical

:type:full-text-06

```

[22] => Array
(
    Name: Form authority
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

```

:taxon:forma:author

:type:discrete

:type:full-text-03

```

)
)
[23] => Array
(
    Name: Domain
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:superregnum

:type:categorical
:type:full-text-06
:type:summary

[24] => Array
(
    Name: Kingdom
    Descriptor: :taxon:regnum
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:type:categorical
:type:full-text-06
:type:summary

[25] => Array
(
    Name: Subkingdom
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:subregnum

:type:categorical
:type:full-text-06
:type:summary

[26] => Array
(

```



```

Branch
:taxon:infraregnum
Name: Infrakingdom or
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
[27] => Array
(
    Name: Legion
    Descriptor: :taxon:legio
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
:type:categorycal
:type:full-text-06
:type:summary
[28] => Array
(
    Name: Cohort
    Descriptor: :taxon:cohors
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
:type:categorycal
:type:full-text-06
:type:summary
[29] => Array
(
    Name: Magnorder or
    Descriptor:
    Data type: :type:string
    Data format: Array

```

```

(
    [0] =>
: type: categorical
    [1] =>
: type: full-text-06
    [2] =>
: type: summary
)
)
[30] => Array
(
    Name: Superorder
    Descriptor:
: taxon: superordo
    Data type: : type: string
    Data format: Array
    (
        [0] =>
: type: categorical
        [1] =>
: type: full-text-06
        [2] =>
: type: summary
    )
)
[31] => Array
(
    Name: Grandorder
    Descriptor:
: taxon: grandordo
    Data type: : type: string
    Data format: Array
    (
        [0] =>
: type: categorical
        [1] =>
: type: full-text-06
        [2] =>
: type: summary
    )
)
[32] => Array
(
    Name: Grandorder
    Descriptor: : taxon: mirordo
    Data type: : type: string
    Data format: Array
    (
        [0] =>
: type: categorical
        [1] =>
: type: full-text-06
    )
)

```

```

:~type:summary
[2] =>
)
)
[33] => Array
(
  Name: Order
  Descriptor: :taxon:ordo
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:~categorical
:~type:~full-text-06
:~type:~summary
[34] => Array
(
  Name: Suborder
  Descriptor: :taxon:subordo
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:~categorical
:~type:~full-text-06
:~type:~summary
[35] => Array
(
  Name: Infraorder
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~taxon:~infraordo
:~type:~categorical
:~type:~full-text-06
:~type:~summary
[36] => Array

```

```

(
  Name: Parvorder
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)

```

```
:taxon:parvordo
```

```
:type:categorical
```

```
:type:full-text-06
```

```
:type:summary
```

```
[37] => Array
```

```
Superdivision
```

```
:taxon:superphylum
```

```
:type:categorical
```

```
:type:full-text-06
```

```
:type:summary
```

```
[38] => Array
```

```
:type:categorical
```

```
:type:full-text-06
```

```
:type:summary
```

```
[39] => Array
```

```
:taxon:subphylum
```

```

Name: Parvorder
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)

```

```

Name: Superphylum or
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)

```

```

Name: Phylum or Division
Descriptor: :taxon:phylum
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)

```

```

Name: Subphylum
Descriptor:
Data type: :type:string

```

```

Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
[40] => Array
(
  Name: Infraphylum
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:infraphylum
:type:categorycal
:type:full-text-06
:type:summary
[41] => Array
(
  Name: Microphylum
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:microphylum
:type:categorycal
:type:full-text-06
:type:summary
[42] => Array
(
  Name: Superspecies
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>

```

```

                                [1] =>
:type:full-text-06
                                )
                                )
[43] => Array
    (
        Name: Species
        Descriptor: :taxon:species
        Data type: :type:string
        Data format: Array
            (
                                [0] =>
                                [1] =>
:type:full-text-06
                                )
            )
    )
[44] => Array
    (
        Name: Species authority
        Descriptor:
:type:taxon:species:author
        Data type: :type:string
        Data format: Array
            (
                                [0] =>
                                [1] =>
:type:full-text-03
                                )
            )
    )
[45] => Array
    (
        Name: Subspecies
        Descriptor:
:type:taxon:subspecies
        Data type: :type:string
        Data format: Array
            (
                                [0] =>
                                [1] =>
:type:full-text-06
                                )
            )
    )
[46] => Array
    (
        Name: Subspecies authority
        Descriptor:
:type:taxon:subspecies:author
        Data type: :type:string

```

```

Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[47] => Array
  (
    Name: Supertribe
    Descriptor:
    Data type: :type:string
    Data format: Array
      (
        [0] =>
        [1] =>
        [2] =>
      )
  )
)
[48] => Array
  (
    Name: Tribe
    Descriptor: :taxon:tribus
    Data type: :type:string
    Data format: Array
      (
        [0] =>
        [1] =>
      )
  )
)
[49] => Array
  (
    Name: Subtribe
    Descriptor:
    Data type: :type:string
    Data format: Array
      (
        [0] =>
        [1] =>
        [2] =>
      )
  )
)

```

:type:discrete

:type:full-text-03

:taxon:supertribus

:type:categorycal

:type:full-text-06

:type:summary

:type:categorycal

:type:full-text-06

:taxon:subtribus

:type:categorycal

:type:full-text-06

:type:summary

```

)
[50] => Array
(
    Name: Taxonomic rank
    Description: This
attribute holds the enumerated value describing the rank or position in
the taxonomic hierarchy.
    Descriptor: :taxon:rank
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[51] => Array
(
    Name: Crop
    Descriptor: :taxon:crop
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)
[52] => Array
(
    Name: Chromosome number
    Descriptor:
:taxon:chromosome-number
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:list
        [2] =>
:type:full-text-03
    )
)
[53] => Array
(

```



```

Name: Gene Pool
Descriptor:

:taxon:genepool
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)

[54] => Array
(
    Name: Gene Pool reference
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

:taxon:genepool-ref
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)

:taxon:genepool-ref
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)

[55] => Array
(
    Name: Taxon group
    Descriptor: :taxon:group
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:genepool-ref
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)

[56] => Array
(
    Name: Taxon group
    Descriptor: :taxon:group-

    Data type: :type:string
    Data format: Array
    (

```

```

:~type:discrete
:~type:full-text-03
[0] =>
[1] =>
)
)
[57] => Array
(
  Name: GP/TG group concept
  Descriptor: :~taxon:gp/tg
  Data type: :~type:text
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[58] => Array
(
  Name: Taxon sub-group
  Descriptor: :~taxon:sub-
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
[59] => Array
(
  Name: Taxon sub-group
  Descriptor: :~taxon:sub-
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[60] => Array

```

```

(
    Name: Taxon designation
    Description: Type of
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
[61] => Array
(
    Name: Taxon designation
    Description: Database,
    literature or personal communication reference for listing of taxon as a
    crop wild relative or wild utilised species.
    Descriptor:
    Data type: :type:text
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
[62] => Array
(
    Name: Taxon national
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[63] => Array

```

taxon.

:taxon:designation

:type:categorical

:type:list

:type:full-text-03

references

:taxon:designation:ref

:type:discrete

:type:list

:type:full-text-03

designation

:taxon:designation:national

:type:categorical

:type:full-text-03

```

(
    Name: Taxon primary or
prioritised uses
    Description: Designation
of the primary or prioritized use of the associated crop or the wild
utilised species taxon.
    Descriptor:
:taxon:designation:use
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:taxon:designation:use
            [1] =>
:taxon:designation:use
            [2] =>
:taxon:designation:use
        )
    )
[64] => Array
(
    Name: Designation notes
    Description: Notes on
occurrence and designation status from databases, literature or personal
communications.
    Descriptor:
:taxon:designation:notes
    Data type: :type:text
    Data format: Array
        (
            [0] =>
:taxon:designation:notes
            [1] =>
:taxon:designation:notes
        )
    )
[65] => Array
(
    Name: Relation to crop
    Descriptor: :taxon:rel-
crop
    Data type: :type:enum
    Data format: Array
        (
            [0] =>
:taxon:relation:crop
            [1] =>
:taxon:relation:crop
            [2] =>
:taxon:relation:crop
        )
    )
[66] => Array

```

```

(
    Name: Associated crop taxa
    Description: Scientific
    Descriptor: :taxon:rel-
names of the associated crop to which the crop wild relative is related.
crop:taxa
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:list
        [2] =>
:type:full-text-03
    )
)
[67] => Array
(
    Name:
Associated_crop_common names
    Description: The
vernacular names of the associated crop taxon to which the crop wild
relative is related.
    Descriptor: :taxon:rel-
crop:names
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:list
        [2] =>
:type:full-text-03
    )
)
[68] => Array
(
    Name: Occurrence status
    Descriptor:
:taxon:occurrence-status
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
)

```

```

[69] => Array
(
    Name: Scientific name
    Descriptor: :taxon:epithet
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

:type:categorical
:type:full-text-06

[70] => Array
(
    Name: Scientific name
    Descriptor: :taxon:author
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

authority
:type:discrete
:type:full-text-03

[71] => Array
(
    Name: Species name
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:species:name
:type:categorical
:type:full-text-06
:type:summary

[72] => Array
(
    Name: Intraspecific
    Descriptor:
    Data type: :type:string
    Data format: Array
    (

```

```

:~type:~categorical
:~type:~full-text-06
)
)
[73] => Array
(
  Name: Intraspecific
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~type:~discrete
:~type:~full-text-03
)
[74] => Array
(
  Name: Valid scientific
  Descriptor: :~taxon:~valid
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
name
:~type:~categorical
:~type:~full-text-03
)
[75] => Array
(
  Name: Scientific name
  Descriptor: :~taxon:~synonym
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
synonyms
:~type:~categorical
:~type:~list
:~type:~full-text-03
)
)

```

```

[76] => Array
(
    Name: Common taxon names
    Descriptor: :taxon:names
    Data type: :type:language-
strings
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
    )
)

[77] => Array
(
    Name: Taxonomic reference
    Description: This
attribute holds the internet address in which the current taxon is
published.
    Descriptor: :taxon:url
    Data type: :type:url
    Data format: Array
    (
        [0] =>
:type:discrete
    )
)

[78] => Array
(
    Name: Scientific name
    Identifier
    Descriptor: :taxon:id
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
    )
)

[79] => Array
(
    Name: Scientific name
    Reference
    Descriptor:
    :taxon:reference
    Data type: :type:url
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:list
    )
)

```



```

)
)
[80] => Array
(
synonyms references
Name: Scientific name
Descriptor: :taxon:synref
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[81] => Array
(
Name: Annex 1 group
Descriptor: :taxon:annex-1
Data type: :type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
[82] => Array
(
1:notes
Name: Annex 1 notes
Descriptor: :taxon:annex-
Data type: :type:text
Data format: Array
(
[0] =>
[1] =>
)
)
[83] => Array
(
:taxon:unit:policy:notes
Name: Taxon policy notes
Descriptor:
Data type: :type:text

```

```

Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[84] => Array
    (
        Name: Entity acronyms
        Description: This
        Descriptor:
        attribute holds the list of acronyms used by the entity.
        :entity:acronym
        Data type: :type:string
        Data format: Array
            (
                [0] =>
                [1] =>
                [2] =>
            )
    )
[85] => Array
    (
        Name: Entity internet
        Description: This
        Descriptor: :entity:url
        Data type: :type:typed-
        addresses
        attribute holds the entity list of internet addresses discriminated by
        type.
        list
        Data format: Array
            (
                [0] =>
            )
    )
[86] => Array
    (
        Name: Authentication code
        Description: This
        Descriptor:
        attribute holds a string which identifies the entity credentials used to
        authenticate with the service.
        :connection:code
        Data type: :type:string
        Data format: Array
            (

```

```

[0] =>
:type:discrete
[1] =>
:type:private-search
[2] =>
:type:private-display
)
)
[87] => Array
(
Name: Authentication
password
Description: This
attribute holds a string which validates the entity credentials used to
authenticate with the service.
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
:type:discrete
[1] =>
:type:private-search
[2] =>
:type:private-display
)
)
[88] => Array
(
Name: Entity first name
Description: This
attribute holds a string representing the first name of the entity.
Descriptor: :entity:fname
Data type: :type:string
Data format: Array
(
[0] =>
:type:discrete
[1] =>
:type:full-text-06
)
)
[89] => Array
(
Name: Entity last name
Description: This
attribute holds a string representing the last name of the entity.
Descriptor: :entity:lname
Data type: :type:string
Data format: Array
(

```

```

:~type:discrete
:~type:full-text-10
)
)
[90] => Array
(
  Name: Name
  Description: This
attribute holds a string representing the name of the object. This is
generally the way humans refer to the object and it is not related to a
specific language.
  Descriptor: :name
  Data type: :type:string
  Data format: Array
(
  [0] =>
  [1] =>
)
)
[91] => Array
(
  Name: Entity identifier
  Description: This
attribute holds a string representing the identification code of the
entity.
  Descriptor:
  Data type: :type:string
  Data format: Array
(
  [0] =>
  [1] =>
)
)
[92] => Array
(
  Name: Entity type
  Description: This
attribute holds an enumerated set describing the various types of the
holding entity.
  Descriptor: :type:entity
  Data type: :type:enum-set
  Data format: Array
(
  [0] =>
:~type:~categorical

```

```

:~type:full-text-03
:~type:summary
[1] =>
[2] =>
)
)
[93] => Array
(
Name: Entity kind
Description: This
attribute holds an enumerated set describing the various kinds of the
holding entity.
Descriptor: :kind:entity
Data type: :type:enum-set
Data format: Array
(
[0] =>
:~type:categorical
[1] =>
:~type:full-text-03
[2] =>
:~type:summary
)
)
[94] => Array
(
Name: Entity mailing
addresses
Description: This
attribute holds the entity list of mailing addresses discriminated by
type.
Descriptor: :entity:mail
Data type: :type:typed-
list
Data format: Array
(
[0] =>
:~type:discrete
)
)
[95] => Array
(
Name: Entity electronic
mail addresses
Description: This
attribute holds the entity list of e-mail addresses discriminated by
type.
Descriptor: :entity:email
Data type: :type:typed-
list
Data format: Array
(

```

```

[0] =>
:type:discrete
)
)
[96] => Array
(
Name: Entity telephone
Description: This
attribute holds the entity list of telephone numbers discriminated by
type.
Descriptor: :entity:phone
Data type: :type:typed-
list
Data format: Array
(
[0] =>
:type:discrete
)
)
[97] => Array
(
Name: Entity telefax
Description: This
attribute holds the entity list of telefax numbers discriminated by
type.
Descriptor: :entity:fax
Data type: :type:typed-
list
Data format: Array
(
[0] =>
:type:discrete
)
)
[98] => Array
(
Name: Entity telex
Description: This
attribute holds the entity list of telex codes discriminated by type.
Descriptor: :entity:tlx
Data type: :type:typed-
list
Data format: Array
(
[0] =>
:type:discrete
)
)
[99] => Array

```

```

(
    Name: Affiliation
    Description: This
attribute holds the list of entities to which the current object is
affiliated, discriminated by type.
    Descriptor:
:entity:affiliation
list
    Data type: :type:typed-
    Data format: Array
        (
            [0] =>
        )
)
[100] => Array
(
    Name: Entity nationality
    Description: This
attribute holds the nationality of the entity, this is expressed as an
ISO country code.
    Descriptor:
:entity:nationality
    Data type: :type:enum
    Data format: Array
        (
            [0] =>
            [1] =>
            [2] =>
        )
)
[101] => Array
(
    Name: Valid entity
    Description: This
attribute holds the reference to the valid, current or preferred entity.
This is used to keep track of historical entity records when these
entities become obsolete or defunct.
    Descriptor: :entity:valid
    Data type: :type:ref:self
    Data format: Array
        (
            [0] =>
        )
)
[102] => Array
(
    Name: Institute

```

```

attribute holds a reference to the institute.
:inventory:institute
Description: This
Descriptor:
Data type: :type:ref:unit
)
[103] => Array
(
Name: Transfer identifier
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
)
)
:germplasm:mt:identifier
:type:discrete
[104] => Array
(
Name: Transfer date
Descriptor:
Data type: :type:date
Data format: Array
(
[0] =>
)
)
:germplasm:mt:date
:type:quantitative
[105] => Array
(
Name: SMTA type
Descriptor:
Data type: :type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:germplasm:mt:smta
:type:categorycal
:type:full-text-03
:type:summary
[106] => Array
(
Name: SMTA notes
Descriptor:
Data type: :type:text
:germplasm:mt:smta:notes

```



```

Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[107] => Array
  (
    Name: Number of intended
    Description: Number of
    Descriptor:
    Data type: :type:int
    Data format: Array
      (
        [0] =>
      )
    )
)
samples
samples planned to be transferred.
:germplasm:mt:samples-intended
:type:quantitative
[108] => Array
  (
    Name: Number of verified
    Description: Number of
    Descriptor:
    Data type: :type:int
    Data format: Array
      (
        [0] =>
      )
    )
)
samples
samples verified.
:germplasm:mt:samples-verified
:type:quantitative
[109] => Array
  (
    Name: Number of samples
    Description: Number of
    Descriptor:
    Data type: :type:int
    Data format: Array
      (
        [0] =>
      )
    )
)
received
samples apparently received.
:germplasm:mt:samples-received
:type:quantitative

```

```

    )
    [110] => Array
    (
        Name: Structure label
        Description: This
attribute holds a string which is used to identify a structure in a list
of structures that do not contain a field which can be used for this
purpose.
        Descriptor: :struct-label
        Data type: :type:string
        Data format: Array
        (
            [0] =>
:type:discrete
            [1] =>
:type:private-search
            [2] =>
:type:private-modify
            [3] =>
:type:private-display
        )
    )
)
)
)
[2] => Array
(
    Name: Mission
    Description: This attribute holds the reference
to the mission.
    Descriptor: :mission
    Data type: :type:ref:unit
)
[3] => Array
(
    Name: Mission identifier
    Description: This attribute holds the unique
identifier of the mission.
    Descriptor: :mission:identifier
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-06
    )
)
[4] => Array
(
    Name: Collecting mission identifier
    Description: This attribute holds the unique
identifier of the collecting mission.
    Descriptor: :mission:collecting:identifier

```

```

        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-06
        )
    )
[5] => Array
(
    Name: Collecting mission start date
    Description: This attribute holds the collecting
mission start date.
    Descriptor: :mission:collecting:start
    Data type: :type:date
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
[6] => Array
(
    Name: Collecting mission end date
    Description: This attribute holds the collecting
mission end date.
    Descriptor: :mission:collecting:end
    Data type: :type:date
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
[7] => Array
(
    Name: Collecting mission documents
    Description: This attribute holds a link to the
collecting mission documents.
    Descriptor: :mission:collecting:documents
    Data type: :type:url
    Data format: Array
    (
        [0] => :type:discrete
    )
)
[8] => Array
(
    Name: Collecting mission notes
    Descriptor: :mission:collecting:notes
    Data type: :type:text
    Data format: Array
    (
        [0] => :type:discrete
    )
)

```

```

[1] => :type:full-text-03
)
)
[9] => Array
(
  Name: Collected samples
  Description: This attribute holds the list of
collecting events and samples.
  Descriptor: :mission:collecting:samples
  Data type: :type:struct
  Data format: Array
  (
    [0] => :type:list
  )

  [children] => Array
  (
    [0] => Array
    (
      Name: Sample
      Description: This
attribute holds the reference to a collected sample.
      Descriptor:
:germplasm:sample
      Data type: :type:ref:unit
    )

    [1] => Array
    (
      Name: Germplasm identifier
      Description: This
attribute holds the unique identifier of the germplasm.
      Descriptor:
:germplasm:identifier
      Data type: :type:string
      Data format: Array
      (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-06
      )
    )

    [2] => Array
    (
      Name: Collecting date of
sample
      Descriptor: mcpd:COLLDATE
      Data type: :type:date
      Data format: Array
      (
        [0] =>
:type:quantitative
      )
    )
  )
)

```

```

)
[3] => Array
(
Name: Superclass
Descriptor:

Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:superclassis
:type:categorical
:type:full-text-06
:type:summary

[4] => Array
(
Name: Class
Descriptor: :taxon:classis
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:type:categorical
:type:full-text-06
:type:summary

[5] => Array
(
Name: Subclass
Descriptor:

Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:subclassis
:type:categorical
:type:full-text-06
:type:summary

[6] => Array
(
Name: Infraclass

```

```

:taxon:infraclassis
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
:taxon:infraclassis
:type:summary
    [1] =>
:taxon:infraclassis
:type:summary
    [2] =>
:taxon:infraclassis
:type:summary
)
)
[7] => Array
(
    Name: Parvclass
    Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
:taxon:parvclassis
:type:summary
    [1] =>
:taxon:parvclassis
:type:summary
    [2] =>
:taxon:parvclassis
:type:summary
)
)
[8] => Array
(
    Name: Superfamily
    Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
:taxon:superfamilia
:type:summary
    [1] =>
:taxon:superfamilia
:type:summary
    [2] =>
:taxon:superfamilia
:type:summary
)
)
[9] => Array
(
    Name: Family
    Descriptor: :taxon:familia
    Data type: :type:string
    Data format: Array
    (

```

```

:taxon:family:author
  :type:full-text-06
  :type:summary
  [0] =>
  [1] =>
  [2] =>
)
)
[10] => Array
(
  Name: Family authority
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:taxon:familia:author
:taxon:subfamilia
:taxon:subfamilia
  :type:full-text-03
  :type:discrete
  :type:summary
  [0] =>
  [1] =>
)
[11] => Array
(
  Name: Subfamily
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:subfamilia
:taxon:subfamilia
  :type:full-text-06
  :type:summary
  :type:category
  [0] =>
  [1] =>
  [2] =>
)
[12] => Array
(
  Name: Genus
  Descriptor: :taxon:genus
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:genus
:taxon:genus
  :type:full-text-06
  :type:summary
  :type:category
  [0] =>
  [1] =>
  [2] =>
)

```

```

)
[13] => Array
(
    Name: Genus authority
    Descriptor:

:taxon:genus:author

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:discrete

        [1] =>

:type:full-text-03

    )
)

[14] => Array
(
    Name: Subgenus
    Descriptor:

:taxon:subgenus

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:categorical

        [1] =>

:type:full-text-06

    )
)

[15] => Array
(
    Name: Section
    Descriptor: :taxon:sectio
    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:categorical

        [1] =>

:type:full-text-06

    )
)

[16] => Array
(
    Name: Series
    Descriptor: :taxon:series
    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:categorical

```



```

:taxon:varietas
:taxon:varietas
:taxon:varietas
:taxon:varietas:author
:taxon:varietas:author
:taxon:forma:author
:taxon:forma:author

[1] =>
)
)
[17] => Array
(
  Name: Variety
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[18] => Array
(
  Name: Variety authority
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[19] => Array
(
  Name: Form
  Descriptor: :taxon:forma
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[20] => Array
(
  Name: Form authority
  Descriptor:
  Data type: :type:string

```

```

Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[21] => Array
    (
        Name: Domain
        Descriptor:
        Data type: :type:string
        Data format: Array
            (
                [0] =>
                [1] =>
                [2] =>
            )
    )
)
[22] => Array
    (
        Name: Kingdom
        Descriptor: :taxon:regnum
        Data type: :type:string
        Data format: Array
            (
                [0] =>
                [1] =>
                [2] =>
            )
    )
)
[23] => Array
    (
        Name: Subkingdom
        Descriptor:
        Data type: :type:string
        Data format: Array
            (
                [0] =>
                [1] =>
                [2] =>
            )
    )
)

```

:type:discrete

:type:full-text-03

:taxon:superregnum

:type:ategorical

:type:full-text-06

:type:summary

:type:ategorical

:type:full-text-06

:type:summary

:taxon:subregnum

:type:ategorical

:type:full-text-06

:type:summary

```

)
)
[24] => Array
(
    Name: Infrakingdom or
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
[25] => Array
(
    Name: Legion
    Descriptor: :taxon:legio
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
[26] => Array
(
    Name: Cohort
    Descriptor: :taxon:cohors
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
[27] => Array
(

```

Branch

:taxon:infraregnum

:type:categorical

:type:full-text-06

:type:summary

:type:categorical

:type:full-text-06

:type:summary

:type:categorical

:type:full-text-06

:type:summary

```

Megaorder
:taxon:magnordo

:type:categorical
:type:full-text-06
:type:summary

Name: Magnorder or
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)

[28] => Array
(
    Name: Superorder
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:superordo

:type:categorical
:type:full-text-06
:type:summary

Name: Grandorder
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)

[29] => Array
(
    Name: Grandorder
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:grandordo

:type:categorical
:type:full-text-06
:type:summary

Name: Grandorder
Descriptor: :taxon:mirordo
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)

[30] => Array
(
    Name: Grandorder
    Descriptor: :taxon:mirordo
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

```

```

(
    [0] =>
        :type:categorical
    [1] =>
        :type:full-text-06
    [2] =>
        :type:summary
)
)

```

```

[31] => Array
(
    Name: Order
    Descriptor: :taxon:ordo
    Data type: :type:string
    Data format: Array
    (
        [0] =>
            :type:categorical
        [1] =>
            :type:full-text-06
        [2] =>
            :type:summary
    )
)
)

```

```

[32] => Array
(
    Name: Suborder
    Descriptor: :taxon:subordo
    Data type: :type:string
    Data format: Array
    (
        [0] =>
            :type:categorical
        [1] =>
            :type:full-text-06
        [2] =>
            :type:summary
    )
)
)

```

```

[33] => Array
(
    Name: Infraorder
    Descriptor:
        :taxon:infraordo
    Data type: :type:string
    Data format: Array
    (
        [0] =>
            :type:categorical
        [1] =>
            :type:full-text-06
        [2] =>
            :type:summary
    )
)
)

```

```

)
)
[34] => Array
(
    Name: Parvorder
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

```

:taxon:parvordo

:type:categorical

:type:full-text-06

:type:summary

```

[35] => Array
(
    Name: Superphylum or
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

```

Superdivision

:taxon:superphylum

:type:categorical

:type:full-text-06

:type:summary

```

[36] => Array
(
    Name: Phylum or Division
    Descriptor: :taxon:phylum
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

```

:type:categorical

:type:full-text-06

:type:summary

```
[37] => Array
```

```

(
  Name: Subphylum
  Descriptor:

  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)

:taxon:subphylum

:type:categorycal
:type:full-text-06
:type:summary

[38] => Array
(
  Name: Infraphylum
  Descriptor:

  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)

:taxon:infraphylum

:type:categorycal
:type:full-text-06
:type:summary

[39] => Array
(
  Name: Microphylum
  Descriptor:

  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)

:taxon:microphylum

:type:categorycal
:type:full-text-06
:type:summary

[40] => Array
(
  Name: Superspecies
  Descriptor:

  Data type: :type:string

```

```

Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[41] => Array
  (
    Name: Species
    Descriptor: :taxon:species
    Data type: :type:string
    Data format: Array
      (
        [0] =>
        [1] =>
      )
  )
)
[42] => Array
  (
    Name: Species authority
    Descriptor:
    Data type: :type:string
    Data format: Array
      (
        [0] =>
        [1] =>
      )
  )
)
[43] => Array
  (
    Name: Subspecies
    Descriptor:
    Data type: :type:string
    Data format: Array
      (
        [0] =>
        [1] =>
      )
  )
)
[44] => Array
  (

```

:type:categorical

:type:full-text-06

:type:categorical

:type:full-text-06

:taxon:species:author

:type:discrete

:type:full-text-03

:taxon:subspecies

:type:categorical

:type:full-text-06


```

Name: Subspecies authority
Descriptor:

:taxon:subspecies:author
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)

[45] => Array
(
    Name: Supertribe
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:supertribus
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)

:taxon:tribus
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)

:taxon:subtribus
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)

:taxon:subtribus
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)

:taxon:tribus
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)

```

```

:~type:summary
[2] =>
)
)
[48] => Array
(
  Name: Scientific name
  Descriptor: :taxon:epithet
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~type:categorical
:~type:full-text-06
[49] => Array
(
  Name: Scientific name
  Descriptor: :taxon:author
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
authority
:~type:discrete
:~type:full-text-03
[50] => Array
(
  Name: Species name
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~taxon:species:name
:~type:categorical
:~type:full-text-06
:~type:summary
[51] => Array
(
  Name: Intraspecific
epithet

```



```

:~type:full-text-03
[2] =>
)
)
[55] => Array
(
Name: Common taxon names
Descriptor: :taxon:names
Data type: :type:language-
strings
Data format: Array
(
[0] =>
[1] =>
)
)
[56] => Array
(
Name: Structure label
Description: This
attribute holds a string which is used to identify a structure in a list
of structures that do not contain a field which can be used for this
purpose.
Descriptor: :struct-label
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
[3] =>
)
)
)
[10] => Array
(
Name: Collectors
Description: List of individuals and
organisations which cooperated in the collecting.
Descriptor: :collecting:entities
Data type: :type:struct
Data format: Array
(
[0] => :type:list

```

```

)
[children] => Array
(
  [0] => Array
  (
    Name: Collecting institute
code
    Description: The FAO/WIEWS
code of the institute which collected the accession.
    Descriptor: mcpd:COLLCODE
    Data type: :type:string
    Data format: Array
    (
      [0] =>
:type:categorycal
      [1] =>
:type:full-text-06
      [2] =>
:type:summary
    )
  )
  [1] => Array
  (
    Name: Collecting institute
name
    Descriptor: mcpd:COLLDESCR
    Data type: :type:string
    Data format: Array
    (
      [0] =>
:type:discrete
      [1] =>
:type:full-text-03
    )
  )
  [2] => Array
  (
    Name: Entity acronyms
    Description: This
attribute holds the list of acronyms used by the entity.
    Descriptor:
:entity:acronym
    Data type: :type:string
    Data format: Array
    (
      [0] =>
:type:categorycal
      [1] =>
:type:list
      [2] =>
:type:full-text-10
    )
  )
)

```

```

[3] => Array
(
    Name: Entity internet
addresses
    Description: This
attribute holds the entity list of internet addresses discriminated by
type.
    Descriptor: :entity:url
    Data type: :type:typed-
list
    Data format: Array
(
    [0] =>
:type:discrete
)
)

[4] => Array
(
    Name: Authentication code
    Description: This
attribute holds a string which identifies the entity credentials used to
authenticate with the service.
    Descriptor:
:connection:code
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:private-search
    [2] =>
:type:private-display
)
)

[5] => Array
(
    Name: Authentication
password
    Description: This
attribute holds a string which validates the entity credentials used to
authenticate with the service.
    Descriptor:
:connection:pass
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:private-search
    [2] =>
:type:private-display
)
)

```

```

)
[6] => Array
(
    Name: Entity first name
    Description: This
attribute holds a string representing the first name of the entity.
    Descriptor: :entity:fname
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-06
    )
)
[7] => Array
(
    Name: Entity last name
    Description: This
attribute holds a string representing the last name of the entity.
    Descriptor: :entity:lname
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-10
    )
)
[8] => Array
(
    Name: Name
    Description: This
attribute holds a string representing the name of the object. This is
generally the way humans refer to the object and it is not related to a
specific language.
    Descriptor: :name
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-06
    )
)
[9] => Array
(
    Name: Entity identifier

```

attribute holds a string representing the identification code of the entity.

Description: This

:entity:identifier

Descriptor:

Data type: :type:string

Data format: Array

(

[0] =>

:type:discrete

[1] =>

:type:full-text-10

)

)

[10] => Array

(

Name: Entity type

Description: This

attribute holds an enumerated set describing the various types of the holding entity.

Descriptor: :type:entity

Data type: :type:enum-set

Data format: Array

(

[0] =>

:type:categorical

[1] =>

:type:full-text-03

[2] =>

:type:summary

)

)

[11] => Array

(

Name: Entity kind

Description: This

attribute holds an enumerated set describing the various kinds of the holding entity.

Descriptor: :kind:entity

Data type: :type:enum-set

Data format: Array

(

[0] =>

:type:categorical

[1] =>

:type:full-text-03

[2] =>

:type:summary

)

)

[12] => Array

(


```

Name: Entity mailing
addresses
Description: This
attribute holds the entity list of mailing addresses discriminated by
type.
Descriptor: :entity:mail
Data type: :type:typed-
list
Data format: Array
(
[0] =>
:type:discrete
)
[13] => Array
(
Name: Entity electronic
mail addresses
Description: This
attribute holds the entity list of e-mail addresses discriminated by
type.
Descriptor: :entity:email
Data type: :type:typed-
list
Data format: Array
(
[0] =>
:type:discrete
)
[14] => Array
(
Name: Entity telephone
numbers
Description: This
attribute holds the entity list of telephone numbers discriminated by
type.
Descriptor: :entity:phone
Data type: :type:typed-
list
Data format: Array
(
[0] =>
:type:discrete
)
[15] => Array
(
Name: Entity telefax
numbers
Description: This
attribute holds the entity list of telefax numbers discriminated by
type.

```

```

Descriptor: :entity:fax
Data type: :type:typed-
list
Data format: Array
(
    [0] =>
)
:type:discrete
)
[16] => Array
(
    Name: Entity telex
    Description: This
attribute holds the entity list of telex codes discriminated by type.
Descriptor: :entity:tlx
Data type: :type:typed-
list
Data format: Array
(
    [0] =>
)
:type:discrete
)
[17] => Array
(
    Name: Affiliation
    Description: This
attribute holds the list of entities to which the current object is
affiliated, discriminated by type.
Descriptor:
:entity:affiliation
Data type: :type:typed-
list
Data format: Array
(
    [0] =>
)
:type:discrete
)
[18] => Array
(
    Name: Entity nationality
    Description: This
attribute holds the nationality of the entity, this is expressed as an
ISO country code.
Descriptor:
:entity:nationality
Data type: :type:enum
Data format: Array
(
    [0] =>
)
:type:categorical

```

```

:~type:full-text-03
:~type:summary
)
)
[19] => Array
(
  Name: Valid entity
  Description: This
attribute holds the reference to the valid, current or preferred entity.
This is used to keep track of historical entity records when these
entities become obsolete or defunct.
  Descriptor: :entity:valid
  Data type: :type:ref:self
  Data format: Array
(
  [0] =>
:~type:discrete
)
)
[20] => Array
(
  Name: Institute
  Description: This
attribute holds a reference to the institute.
:~inventory:institute
  Descriptor:
  Data type: :type:ref:unit
)
)
[11] => Array
(
  Name: Continent
  Description: This attribute holds the enumerated
value describing the location continent.
  Descriptor: :location:continent
  Data type: :type:enum
  Data format: Array
(
  [0] => :type:categorical
  [1] => :type:full-text-06
  [2] => :type:summary
)
)
[12] => Array
(
  Name: Country

```

Description: This attribute holds the enumerated value describing the location country. For historical reasons legacy countries are included.

Descriptor: :location:country
Data type: :type:enum
Data format: Array
(
 [0] => :type:categorical
 [1] => :type:full-text-06
 [2] => :type:summary
)

)

[13] => Array

(
 Name: Administrative unit
 Description: This attribute holds the enumerated value describing the administrative unit of the location, the code can describe either a continent, country or country subdivision.

Descriptor: :location:admin
Data type: :type:enum
Data format: Array
(
 [0] => :type:categorical
 [1] => :type:full-text-06
 [2] => :type:summary
)

)

[14] => Array

(
 Name: Region
 Description: This attribute holds the region name.

Descriptor: :location:region
Data type: :type:string
Data format: Array
(
 [0] => :type:discrete
 [1] => :type:full-text-06
)

)

[15] => Array

(
 Name: Primary administrative unit
 Description: This attribute holds the name of the primary administrative unit below the country.

Descriptor: :location:admin-1
Data type: :type:string
Data format: Array
(
 [0] => :type:categorical
 [1] => :type:full-text-06
 [2] => :type:summary
)

)

```

    )
[16] => Array
(
    Name: Secondary administrative unit
    Description: This attribute holds the name of the
secondary administrative unit below the primary administrative unit.
    Descriptor: :location:admin-2
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
[17] => Array
(
    Name: Lowest administrative unit
    Description: This attribute holds the name of the
lowest administrative unit, or local name of the location.
    Descriptor: :location:admin-3
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
    )
)
[18] => Array
(
    Name: Locality
    Description: This attribute holds the description
or name of the location, this might include the distance in kilometres
and direction from the nearest town, village or map grid reference
point.
    Descriptor: :location:locality
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-06
    )
)
)

```

Forest geneconservation unit

Forest gene conservation unit (descriptive format)

```
[node] => 32187
Name: Forest
Description: This structure contains all default properties of a
forest gene conservation unit.
[children] => Array
  (
    [0] => Array
      (
        Name: Environment
        Description: Environmental data.
        Descriptor: :environment
        Data type: :type:struct
        [children] => Array
          (
            [0] => Array
              (
                Name: Global Environment
                Description: Global
                Descriptor: gens
                Data type: :type:string
                Data format: Array
                (
                  [0] =>
                  [1] =>
                )
              )
            [1] => Array
              (
                Name: Climatic zone
                Descriptor: gens:clim
                Data type: :type:enum-set
                Data format: Array
                (
                  [0] =>
                  [1] =>
                  [2] =>
                )
              )
          )
        )
      )
    [1] => Array
      (
        Name: Environmental zone
```

```

Descriptor: gens:zone
Data type: :type:enum-set
Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)
[3] => Array
(
Name: Global land cover
Descriptor: globcov
Data type: :type:enum-set
Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)
[4] => Array
(
Name: Harmonised world
Descriptor: hwsd
Data type: :type:enum-set
Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)
[5] => Array
(
Name: Monthly
Description: Monthly
precipitation
precipitation of location.

```

```

:environment:precipitation
Descriptor:
Data type: :type:struct
[children] => Array
(
  [0] => Array
    (
Name: January minimum precipitation
Description: Location January minimum precipitation.
Descriptor: :environment:precipitation:01-min
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
[1] => Array
(
Name: January mean precipitation
Description: Location January mean precipitation.
Descriptor: :environment:precipitation:01-mean
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
[2] => Array
(
Name: January maximum precipitation
Description: Location January maximum precipitation.
Descriptor: :environment:precipitation:01-max

```


Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[3] => Array  
(
```

Name: February minimum precipitation

Description: Location February minimum precipitation.

Descriptor: :environment:precipitation:02-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[4] => Array  
(
```

Name: February mean precipitation

Description: Location February mean precipitation.

Descriptor: :environment:precipitation:02-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[5] => Array
```

```

(
Name: February maximum precipitation
Description: Location February maximum precipitation.
Descriptor: :environment:precipitation:02-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[6] => Array
(
Name: March minimum precipitation
Description: Location March minimum precipitation.
Descriptor: :environment:precipitation:03-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[7] => Array
(
Name: March mean precipitation
Description: Location March mean precipitation.
Descriptor: :environment:precipitation:03-mean
Data type: :type:int
Data format: Array
(

```

```

    [0] => :type:quantitative
)

)

[8] => Array
(

Name: March maximum precipitation
Description: Location March maximum precipitation.
Descriptor: :environment:precipitation:03-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[9] => Array
(

Name: April minimum precipitation
Description: Location April minimum precipitation.
Descriptor: :environment:precipitation:04-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[10] => Array
(

Name: April mean precipitation
Description: Location April mean precipitation.

```

Descriptor: :environment:precipitation:04-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[11] => Array  
(
```

Name: April maximum precipitation

Description: Location April maximum precipitation.

Descriptor: :environment:precipitation:04-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[12] => Array  
(
```

Name: May minimum precipitation

Description: Location May minimum precipitation.

Descriptor: :environment:precipitation:05-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[13] => Array  
(
```

```
Name: May mean precipitation  
Description: Location May mean precipitation.  
Descriptor: :environment:precipitation:05-mean  
Data type: :type:int  
Data format: Array  
  
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[14] => Array  
(
```

```
Name: May maximum precipitation  
Description: Location May maximum precipitation.  
Descriptor: :environment:precipitation:05-max  
Data type: :type:int  
Data format: Array  
  
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[15] => Array  
(
```

```
Name: June minimum precipitation  
Description: Location June minimum precipitation.  
Descriptor: :environment:precipitation:06-min  
Data type: :type:int  
Data format: Array
```

```

(
    [0] => :type:quantitative
)

)

[16] => Array
(

Name: June mean precipitation
Description: Location June mean precipitation.
Descriptor: :environment:precipitation:06-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[17] => Array
(

Name: June maximum precipitation
Description: Location June maximum precipitation.
Descriptor: :environment:precipitation:06-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[18] => Array
(

Name: July minimum precipitation

```

Description: Location July minimum precipitation.

Descriptor: :environment:precipitation:07-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[19] => Array  
(
```

Name: July mean precipitation

Description: Location July mean precipitation.

Descriptor: :environment:precipitation:07-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[20] => Array  
(
```

Name: July maximum precipitation

Description: Location July maximum precipitation.

Descriptor: :environment:precipitation:07-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```

)
[21] => Array
(
Name: August minimum precipitation
Description: Location August minimum precipitation.
Descriptor: :environment:precipitation:08-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[22] => Array
(
Name: August mean precipitation
Description: Location August mean precipitation.
Descriptor: :environment:precipitation:08-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[23] => Array
(
Name: August maximum precipitation
Description: Location August maximum precipitation.
Descriptor: :environment:precipitation:08-max
Data type: :type:int

```


Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[24] => Array  
(
```

Name: September minimum precipitation

Description: Location September minimum precipitation.

Descriptor: :environment:precipitation:09-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[25] => Array  
(
```

Name: September mean precipitation

Description: Location September mean precipitation.

Descriptor: :environment:precipitation:09-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[26] => Array  
(
```

Name: September maximum precipitation

Description: Location September maximum precipitation.

Descriptor: :environment:precipitation:09-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[27] => Array  
(
```

Name: October minimum precipitation

Description: Location October minimum precipitation.

Descriptor: :environment:precipitation:10-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[28] => Array  
(
```

Name: October mean precipitation

Description: Location October mean precipitation.

Descriptor: :environment:precipitation:10-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative
```

```

)
)
[29] => Array
(
Name: October maximum precipitation
Description: Location October maximum precipitation.
Descriptor: :environment:precipitation:10-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[30] => Array
(
Name: November minimum precipitation
Description: Location November minimum precipitation.
Descriptor: :environment:precipitation:11-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[31] => Array
(
Name: November mean precipitation
Description: Location November mean precipitation.
Descriptor: :environment:precipitation:11-mean

```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[32] => Array  
(
```

Name: November maximum precipitation

Description: Location November maximum precipitation.

Descriptor: :environment:precipitation:11-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[33] => Array  
(
```

Name: December minimum precipitation

Description: Location December minimum precipitation.

Descriptor: :environment:precipitation:12-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[34] => Array
```

```

(
Name: December mean precipitation
Description: Location December mean precipitation.
Descriptor: :environment:precipitation:12-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)

```

```

)
[35] => Array
(

```

```

Name: December maximum precipitation
Description: Location December maximum precipitation.
Descriptor: :environment:precipitation:12-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)

```

```
)
```

```
)
```

```
)
```

```
[6] => Array
(
```

```

temperature of location.
:environment:temperature

```

```

Name: Monthly temperature
Description: Monthly
Descriptor:
Data type: :type:struct
[children] => Array
(
[0] => Array

```

```

(
Name: January minimum temperature (minimum)
Description: Location January minimum temperature (minimum).
Descriptor: :environment:temperature:01-min-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[1] => Array
(
Name: January minimum temperature (mean)
Description: Location January minimum temperature (mean).
Descriptor: :environment:temperature:01-min-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[2] => Array
(
Name: January minimum temperature (maximum)
Description: Location January minimum temperature (maximum).
Descriptor: :environment:temperature:01-min-max
Data type: :type:int
Data format: Array
(

```

```

    [0] => :type:quantitative
)
)
[3] => Array
(
Name: January mean temperature (minimum)
Description: Location January mean temperature (minimum).
Descriptor: :environment:temperature:01-mean-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
[4] => Array
(
Name: January mean temperature (mean)
Description: Location January mean temperature (mean).
Descriptor: :environment:temperature:01-mean-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
[5] => Array
(
Name: January mean temperature (maximum)
Description: Location January mean temperature (maximum).

```

Descriptor: :environment:temperature:01-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[6] => Array  
(
```

Name: January maximum temperature (minimum)

Description: Location January maximum temperature (minimum).

Descriptor: :environment:temperature:01-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[7] => Array  
(
```

Name: January maximum temperature (mean)

Description: Location January maximum temperature (mean).

Descriptor: :environment:temperature:01-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)


```
[8] => Array  
(
```

```
Name: January maximum temperature (maximum)
```

```
Description: Location January maximum temperature (maximum).
```

```
Descriptor: :environment:temperature:01-max-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[9] => Array  
(
```

```
Name: February minimum temperature (minimum)
```

```
Description: Location February minimum temperature (minimum).
```

```
Descriptor: :environment:temperature:02-min-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[10] => Array  
(
```

```
Name: February minimum temperature (mean)
```

```
Description: Location February minimum temperature (mean).
```

```
Descriptor: :environment:temperature:02-min-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```

(
    [0] => :type:quantitative
)

)

[11] => Array
(

Name: February minimum temperature (maximum)
Description: Location February minimum temperature (maximum).
Descriptor: :environment:temperature:02-min-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[12] => Array
(

Name: February mean temperature (minimum)
Description: Location February mean temperature (minimum).
Descriptor: :environment:temperature:02-mean-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[13] => Array
(

Name: February mean temperature (mean)

```

Description: Location February mean temperature (mean).

Descriptor: :environment:temperature:02-mean-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[14] => Array  
(
```

Name: February mean temperature (maximum)

Description: Location February mean temperature (maximum).

Descriptor: :environment:temperature:02-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[15] => Array  
(
```

Name: February maximum temperature (minimum)

Description: Location February maximum temperature (minimum).

Descriptor: :environment:temperature:02-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```

)
[16] => Array
(
Name: February maximum temperature (mean)
Description: Location February maximum temperature (mean).
Descriptor: :environment:temperature:02-max-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[17] => Array
(
Name: February maximum temperature (maximum)
Description: Location February maximum temperature (maximum).
Descriptor: :environment:temperature:02-max-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[18] => Array
(
Name: March minimum temperature (minimum)
Description: Location March minimum temperature (minimum).
Descriptor: :environment:temperature:03-min-min
Data type: :type:int

```

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[19] => Array  
(
```

Name: March minimum temperature (mean)

Description: Location March minimum temperature (mean).

Descriptor: :environment:temperature:03-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[20] => Array  
(
```

Name: March minimum temperature (maximum)

Description: Location March minimum temperature (maximum).

Descriptor: :environment:temperature:03-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[21] => Array  
(
```

Name: March mean temperature (minimum)
Description: Location March mean temperature (minimum).
Descriptor: :environment:temperature:03-mean-min
Data type: :type:int
Data format: Array
(
 [0] => :type:quantitative
)
)
[22] => Array
(

Name: March mean temperature (mean)
Description: Location March mean temperature (mean).
Descriptor: :environment:temperature:03-mean-mean
Data type: :type:int
Data format: Array
(
 [0] => :type:quantitative
)
)
[23] => Array
(

Name: March mean temperature (maximum)
Description: Location March mean temperature (maximum).
Descriptor: :environment:temperature:03-mean-max
Data type: :type:int
Data format: Array
(
 [0] => :type:quantitative

```

)
)
[24] => Array
(
Name: March maximum temperature (minimum)
Description: Location March maximum temperature (minimum).
Descriptor: :environment:temperature:03-max-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[25] => Array
(
Name: March maximum temperature (mean)
Description: Location March maximum temperature (mean).
Descriptor: :environment:temperature:03-max-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[26] => Array
(
Name: March maximum temperature (maximum)
Description: Location March maximum temperature (maximum).
Descriptor: :environment:temperature:03-max-max

```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[27] => Array  
(
```

Name: April minimum temperature (minimum)

Description: Location April minimum temperature (minimum).

Descriptor: :environment:temperature:04-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[28] => Array  
(
```

Name: April minimum temperature (mean)

Description: Location April minimum temperature (mean).

Descriptor: :environment:temperature:04-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[29] => Array
```



```

(
Name: April minimum temperature (maximum)
Description: Location April minimum temperature (maximum).
Descriptor: :environment:temperature:04-min-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[30] => Array
(
Name: April mean temperature (minimum)
Description: Location April mean temperature (minimum).
Descriptor: :environment:temperature:04-mean-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[31] => Array
(
Name: April mean temperature (mean)
Description: Location April mean temperature (mean).
Descriptor: :environment:temperature:04-mean-mean
Data type: :type:int
Data format: Array
(

```

```

    [0] => :type:quantitative
)

)

[32] => Array
(

Name: April mean temperature (maximum)
Description: Location April mean temperature (maximum).
Descriptor: :environment:temperature:04-mean-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[33] => Array
(

Name: April maximum temperature (minimum)
Description: Location April maximum temperature (minimum).
Descriptor: :environment:temperature:04-max-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[34] => Array
(

Name: April maximum temperature (mean)
Description: Location April maximum temperature (mean).

```

Descriptor: :environment:temperature:04-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[35] => Array  
(
```

Name: April maximum temperature (maximum)

Description: Location April maximum temperature (maximum).

Descriptor: :environment:temperature:04-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[36] => Array  
(
```

Name: May minimum temperature (minimum)

Description: Location May minimum temperature (minimum).

Descriptor: :environment:temperature:05-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[37] => Array  
(
```

```
Name: May minimum temperature (mean)
```

```
Description: Location May minimum temperature (mean).
```

```
Descriptor: :environment:temperature:05-min-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[38] => Array  
(
```

```
Name: May minimum temperature (maximum)
```

```
Description: Location May minimum temperature (maximum).
```

```
Descriptor: :environment:temperature:05-min-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[39] => Array  
(
```

```
Name: May mean temperature (minimum)
```

```
Description: Location May mean temperature (minimum).
```

```
Descriptor: :environment:temperature:05-mean-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```

(
    [0] => :type:quantitative
)

)

[40] => Array
(

Name: May mean temperature (mean)
Description: Location May mean temperature (mean).
Descriptor: :environment:temperature:05-mean-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[41] => Array
(

Name: May mean temperature (maximum)
Description: Location May mean temperature (maximum).
Descriptor: :environment:temperature:05-mean-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[42] => Array
(

Name: May maximum temperature (minimum)

```

Description: Location May maximum temperature (minimum).

Descriptor: :environment:temperature:05-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[43] => Array  
(
```

Name: May maximum temperature (mean)

Description: Location May maximum temperature (mean).

Descriptor: :environment:temperature:05-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[44] => Array  
(
```

Name: May maximum temperature (maximum)

Description: Location May maximum temperature (maximum).

Descriptor: :environment:temperature:05-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[45] => Array

(

Name: June minimum temperature (minimum)

Description: Location June minimum temperature (minimum).

Descriptor: :environment:temperature:06-min-min

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[46] => Array

(

Name: June minimum temperature (mean)

Description: Location June minimum temperature (mean).

Descriptor: :environment:temperature:06-min-mean

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[47] => Array

(

Name: June minimum temperature (maximum)

Description: Location June minimum temperature (maximum).

Descriptor: :environment:temperature:06-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[48] => Array  
(
```

Name: June mean temperature (minimum)

Description: Location June mean temperature (minimum).

Descriptor: :environment:temperature:06-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[49] => Array  
(
```

Name: June mean temperature (mean)

Description: Location June mean temperature (mean).

Descriptor: :environment:temperature:06-mean-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[50] => Array  
(
```


Name: June mean temperature (maximum)

Description: Location June mean temperature (maximum).

Descriptor: :environment:temperature:06-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[51] => Array  
(
```

Name: June maximum temperature (minimum)

Description: Location June maximum temperature (minimum).

Descriptor: :environment:temperature:06-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[52] => Array  
(
```

Name: June maximum temperature (mean)

Description: Location June maximum temperature (mean).

Descriptor: :environment:temperature:06-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative
```

```

)
)
[53] => Array
(
Name: June maximum temperature (maximum)
Description: Location June maximum temperature (maximum).
Descriptor: :environment:temperature:06-max-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[54] => Array
(
Name: July minimum temperature (minimum)
Description: Location July minimum temperature (minimum).
Descriptor: :environment:temperature:07-min-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[55] => Array
(
Name: July minimum temperature (mean)
Description: Location July minimum temperature (mean).
Descriptor: :environment:temperature:07-min-mean

```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[56] => Array  
(
```

Name: July minimum temperature (maximum)

Description: Location July minimum temperature (maximum).

Descriptor: :environment:temperature:07-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[57] => Array  
(
```

Name: July mean temperature (minimum)

Description: Location July mean temperature (minimum).

Descriptor: :environment:temperature:07-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[58] => Array
```

```

(
Name: July mean temperature (mean)
Description: Location July mean temperature (mean).
Descriptor: :environment:temperature:07-mean-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[59] => Array
(
Name: July mean temperature (maximum)
Description: Location July mean temperature (maximum).
Descriptor: :environment:temperature:07-mean-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[60] => Array
(
Name: July maximum temperature (minimum)
Description: Location July maximum temperature (minimum).
Descriptor: :environment:temperature:07-max-min
Data type: :type:int
Data format: Array
(

```

```

    [0] => :type:quantitative
)

)

[61] => Array
(

Name: July maximum temperature (mean)
Description: Location July maximum temperature (mean).
Descriptor: :environment:temperature:07-max-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[62] => Array
(

Name: July maximum temperature (maximum)
Description: Location July maximum temperature (maximum).
Descriptor: :environment:temperature:07-max-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[63] => Array
(

Name: August minimum temperature (minimum)
Description: Location August minimum temperature (minimum).

```

Descriptor: :environment:temperature:08-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[64] => Array  
(
```

Name: August minimum temperature (mean)

Description: Location August minimum temperature (mean).

Descriptor: :environment:temperature:08-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[65] => Array  
(
```

Name: August minimum temperature (maximum)

Description: Location August minimum temperature (maximum).

Descriptor: :environment:temperature:08-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[66] => Array  
(
```

```
Name: August mean temperature (minimum)
```

```
Description: Location August mean temperature (minimum).
```

```
Descriptor: :environment:temperature:08-mean-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[67] => Array  
(
```

```
Name: August mean temperature (mean)
```

```
Description: Location August mean temperature (mean).
```

```
Descriptor: :environment:temperature:08-mean-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[68] => Array  
(
```

```
Name: August mean temperature (maximum)
```

```
Description: Location August mean temperature (maximum).
```

```
Descriptor: :environment:temperature:08-mean-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```

(
    [0] => :type:quantitative
)

)

[69] => Array
(

Name: August maximum temperature (minimum)
Description: Location August maximum temperature (minimum).
Descriptor: :environment:temperature:08-max-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[70] => Array
(

Name: August maximum temperature (mean)
Description: Location August maximum temperature (mean).
Descriptor: :environment:temperature:08-max-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[71] => Array
(

Name: August maximum temperature (maximum)

```


Description: Location August maximum temperature (maximum).

Descriptor: :environment:temperature:08-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[72] => Array  
(
```

Name: September minimum temperature (minimum)

Description: Location September minimum temperature (minimum).

Descriptor: :environment:temperature:09-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[73] => Array  
(
```

Name: September minimum temperature (mean)

Description: Location September minimum temperature (mean).

Descriptor: :environment:temperature:09-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```

)
[74] => Array
(
Name: September minimum temperature (maximum)
Description: Location September minimum temperature (maximum).
Descriptor: :environment:temperature:09-min-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[75] => Array
(
Name: September mean temperature (minimum)
Description: Location September mean temperature (minimum).
Descriptor: :environment:temperature:09-mean-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[76] => Array
(
Name: September mean temperature (mean)
Description: Location September mean temperature (mean).
Descriptor: :environment:temperature:09-mean-mean
Data type: :type:int

```

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[77] => Array  
(
```

Name: September mean temperature (maximum)

Description: Location September mean temperature (maximum).

Descriptor: :environment:temperature:09-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[78] => Array  
(
```

Name: September maximum temperature (minimum)

Description: Location September maximum temperature (minimum).

Descriptor: :environment:temperature:09-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[79] => Array  
(
```

Name: September maximum temperature (mean)

Description: Location September maximum temperature (mean).

Descriptor: :environment:temperature:09-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[80] => Array  
(
```

Name: September maximum temperature (maximum)

Description: Location September maximum temperature (maximum).

Descriptor: :environment:temperature:09-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[81] => Array  
(
```

Name: October minimum temperature (minimum)

Description: Location October minimum temperature (minimum).

Descriptor: :environment:temperature:10-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative
```

```

)
)
[82] => Array
(
Name: October minimum temperature (mean)
Description: Location October minimum temperature (mean).
Descriptor: :environment:temperature:10-min-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
[83] => Array
(
Name: October minimum temperature (maximum)
Description: Location October minimum temperature (maximum).
Descriptor: :environment:temperature:10-min-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
[84] => Array
(
Name: October mean temperature (minimum)
Description: Location October mean temperature (minimum).
Descriptor: :environment:temperature:10-mean-min

```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[85] => Array  
(
```

Name: October mean temperature (mean)

Description: Location October mean temperature (mean).

Descriptor: :environment:temperature:10-mean-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[86] => Array  
(
```

Name: October mean temperature (maximum)

Description: Location October mean temperature (maximum).

Descriptor: :environment:temperature:10-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[87] => Array
```

```

(
Name: October maximum temperature (minimum)
Description: Location October maximum temperature (minimum).
Descriptor: :environment:temperature:10-max-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[88] => Array
(
Name: October maximum temperature (mean)
Description: Location October maximum temperature (mean).
Descriptor: :environment:temperature:10-max-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[89] => Array
(
Name: October maximum temperature (maximum)
Description: Location October maximum temperature (maximum).
Descriptor: :environment:temperature:10-max-max
Data type: :type:int
Data format: Array
(

```

```

    [0] => :type:quantitative
)

)

[90] => Array
(

Name: November minimum temperature (minimum)
Description: Location November minimum temperature (minimum).
Descriptor: :environment:temperature:11-min-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[91] => Array
(

Name: November minimum temperature (mean)
Description: Location November minimum temperature (mean).
Descriptor: :environment:temperature:11-min-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[92] => Array
(

Name: November minimum temperature (maximum)
Description: Location November minimum temperature (maximum).

```


Descriptor: :environment:temperature:11-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[93] => Array  
(
```

Name: November mean temperature (minimum)

Description: Location November mean temperature (minimum).

Descriptor: :environment:temperature:11-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[94] => Array  
(
```

Name: November mean temperature (mean)

Description: Location November mean temperature (mean).

Descriptor: :environment:temperature:11-mean-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[95] => Array  
(
```

```
Name: November mean temperature (maximum)
```

```
Description: Location November mean temperature (maximum).
```

```
Descriptor: :environment:temperature:11-mean-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[96] => Array  
(
```

```
Name: November maximum temperature (minimum)
```

```
Description: Location November maximum temperature (minimum).
```

```
Descriptor: :environment:temperature:11-max-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[97] => Array  
(
```

```
Name: November maximum temperature (mean)
```

```
Description: Location November maximum temperature (mean).
```

```
Descriptor: :environment:temperature:11-max-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
    [0] => :type:quantitative
)

)

[98] => Array
(
```

Name: November maximum temperature (maximum)

Description: Location November maximum temperature (maximum).

Descriptor: :environment:temperature:11-max-max

Data type: :type:int

Data format: Array

```
(
    [0] => :type:quantitative
)

)
```

```
[99] => Array
(
```

Name: December minimum temperature (minimum)

Description: Location December minimum temperature (minimum).

Descriptor: :environment:temperature:12-min-min

Data type: :type:int

Data format: Array

```
(
    [0] => :type:quantitative
)

)
```

```
[100] => Array
(
```

Name: December minimum temperature (mean)

Description: Location December minimum temperature (mean).

Descriptor: :environment:temperature:12-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[101] => Array  
(
```

Name: December minimum temperature (maximum)

Description: Location December minimum temperature (maximum).

Descriptor: :environment:temperature:12-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[102] => Array  
(
```

Name: December mean temperature (minimum)

Description: Location December mean temperature (minimum).

Descriptor: :environment:temperature:12-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[103] => Array
(

Name: December mean temperature (mean)

Description: Location December mean temperature (mean).

Descriptor: :environment:temperature:12-mean-mean

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[104] => Array
(

Name: December mean temperature (maximum)

Description: Location December mean temperature (maximum).

Descriptor: :environment:temperature:12-mean-max

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[105] => Array
(

Name: December maximum temperature (minimum)

Description: Location December maximum temperature (minimum).

Descriptor: :environment:temperature:12-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[106] => Array  
(
```

Name: December maximum temperature (mean)

Description: Location December maximum temperature (mean).

Descriptor: :environment:temperature:12-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[107] => Array  
(
```

Name: December maximum temperature (maximum)

Description: Location December maximum temperature (maximum).

Descriptor: :environment:temperature:12-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

)

)

```

[7] => Array
(
  Name: Bioclimatic
  Description: Bioclimatic
  Descriptor:
  Data type: :type:struct
  [children] => Array
    (
      [0] => Array
        (
          Name: Annual Mean Temperature
          Description: Annual mean temperature (C°).
          Descriptor: :environment:bio:01
          Data type: :type:int
          Data format: Array
          (
            [0] => :type:quantitative
          )
        )
      [1] => Array
        (
          Name: Mean Diurnal Range
          Description: Mean diurnal range: mean of monthly (max temp -
          min temp) (C°).
          Descriptor: :environment:bio:02
          Data type: :type:int
          Data format: Array
          (
            [0] => :type:quantitative
          )
        )
      [2] => Array

```

```
(  
  Name: Isothermality  
  Description: Isothermality ((Mean Diurnal Range / Temperature  
Annual Range) × 100).  
  Descriptor: :environment:bio:03  
  Data type: :type:int  
  Data format: Array  
  (  
    [0] => :type:quantitative  
  )  
)
```

```
)  
[3] => Array  
(
```

```
  Name: Temperature Seasonality  
  Description: Temperature seasonality (standard deviation ×  
100).  
  Descriptor: :environment:bio:04  
  Data type: :type:int  
  Data format: Array  
  (  
    [0] => :type:quantitative  
  )  
)
```

```
)  
[4] => Array  
(
```

```
  Name: Maximum Temperature of Warmest Month  
  Description: Maximum temperature of warmest month (C°).  
  Descriptor: :environment:bio:05  
  Data type: :type:int  
  Data format: Array
```



```
(
    [0] => :type:quantitative
)
)
[5] => Array
(
```

Name: Minimum Temperature of Coldest Month

Description: Minimum temperature of coldest month (C°).

Descriptor: :environment:bio:06

Data type: :type:int

Data format: Array

```
(
    [0] => :type:quantitative
)
)
[6] => Array
(
```

Name: Temperature Annual Range

Description: Temperature annual range (Maximum Temperature of Warmest Month - Minimum Temperature of Coldest Month).

Descriptor: :environment:bio:07

Data type: :type:int

Data format: Array

```
(
    [0] => :type:quantitative
)
)
[7] => Array
(
```

Name: Mean Temperature of Wettest Quarter

Description: Mean temperature of wettest quarter (C°).

Descriptor: :environment:bio:08

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[8] => Array  
(
```

Name: Mean Temperature of Driest Quarter

Description: Mean temperature of driest quarter (C°).

Descriptor: :environment:bio:09

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[9] => Array  
(
```

Name: Mean Temperature of Warmest Quarter

Description: Mean temperature of warmest quarter (C°).

Descriptor: :environment:bio:10

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```

)
[10] => Array
(
Name: Mean Temperature of Coldest Quarter
Description: Mean temperature of coldest quarter (C°).
Descriptor: :environment:bio:11
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[11] => Array
(
Name: Annual Precipitation
Descriptor: :environment:bio:12
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[12] => Array
(
Name: Precipitation of Wettest Month
Descriptor: :environment:bio:13
Data type: :type:int
Data format: Array
(

```

```
[0] => :type:quantitative
)
```

```
)
```

```
[13] => Array
(
```

```
Name: Precipitation of Driest Month
```

```
Descriptor: :environment:bio:14
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
  [0] => :type:quantitative
)
```

```
)
```

```
[14] => Array
(
```

```
Name: Precipitation Seasonality
```

```
Description: Precipitation seasonality (Coefficient of Variation).
```

```
Descriptor: :environment:bio:15
```

```
Data type: :type:float
```

```
Data format: Array
```

```
(
  [0] => :type:quantitative
)
```

```
)
```

```
[15] => Array
(
```

```
Name: Precipitation of Wettest Quarter
```

```
Descriptor: :environment:bio:16
```

```
Data type: :type:int
```

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[16] => Array  
(
```

Name: Precipitation of Driest Quarter

Descriptor: :environment:bio:17

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[17] => Array  
(
```

Name: Precipitation of Warmest Quarter

Descriptor: :environment:bio:18

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[18] => Array  
(
```

Name: Precipitation of Coldest Quarter

Descriptor: :environment:bio:19

```

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
)
)
[8] => Array
(
    Name: Source of
environmental data
    Description: Information
and reference to the source of the environmental data.
    Descriptor:
:environment:source
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[9] => Array
(
    Name: Environment tiles
tiles used in environmental data.
    Description: Number of
:environment:tiles
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
[10] => Array
(
    Name: Environment minimum
elevation

```

```

Description: Minimum
elevation of environmental data in meters above sea level.
Descriptor:
:environment:elevation-min
Data type: :type:int
Data format: Array
(
[0] =>
:type:quantitative
)
)
[11] => Array
(
Name: Environment mean
Description: Mean
elevation of environmental data in meters above sea level.
Descriptor:
:environment:elevation-mean
Data type: :type:int
Data format: Array
(
[0] =>
:type:quantitative
)
)
[12] => Array
(
Name: Environment
Description: Maximum
elevation of environmental data in meters above sea level.
Descriptor:
:environment:elevation-max
Data type: :type:int
Data format: Array
(
[0] =>
:type:quantitative
)
)
[13] => Array
(
Name: Environment minimum
Description: Minimum
distance of environmental data in meters.
Descriptor:
:environment:distance-min
Data type: :type:int

```

```

Data format: Array
(
    [0] =>
:type:quantitative
)
)
[14] => Array
(
    Name: Environment mean
    Description: Mean
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:type:quantitative
    )
)
[15] => Array
(
    Name: Environment
    Description: Maximum
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:type:quantitative
    )
)
[16] => Array
(
    Name: Global Human
    Description: The Global
Human Footprint provides an updated map of anthropogenic impacts on
the environment in geographic projection which can be used in
wildlife conservation planning, natural resource management, and
research on human-environment interactions.
    Descriptor:
    Data type: :type:int
    Data format: Array
    (

```



```

:~type:quantitative                                         [0] =>
:~type:list                                                 [1] =>
)
)
)
)
[1] => Array
(
  Name: Unit number
  Description: This number is the unique
  identifier of the unit described. This number should not be
  duplicated or reassigned to another unit.
  Descriptor: fcu:unit:number
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-10
  )
)
[2] => Array
(
  Name: National unit number
  Description: Unit number from the national
  registry.
  Descriptor: fcu:unit:gene-number
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-10
  )
)
[3] => Array
(
  Name: Surface area of the unit
  Description: Total surface area of the unit in
  hectares accuracy of 0.1 ha.
  Descriptor: fcu:unit:area
  Data type: :type:float
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```

[4] => Array
  (
    Name: Ownership type of the unit
    Descriptor: fcu:unit:ownership
    Data type: :type:enum
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
      )
    )

[5] => Array
  (
    Name: Type and function of the unit
    Descriptor: fcu:unit:type
    Data type: :type:enum-set
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
      )
    )

[6] => Array
  (
    Name: Unit data collection date
    Description: Date in which the unit data was
    collected, the date should be expressed in YYYYMMDD format, where day
    and month may be omitted.
    Descriptor: fcu:unit:data-collection
    Data type: :type:date
    Data format: Array
      (
        [0] => :type:quantitative
      )
    )

[7] => Array
  (
    Name: Date of the most recent visit
    Description: Date in which the unit data last
    visited, the date should be expressed in YYYYMMDD format, where day
    and month may be omitted.
    Descriptor: fcu:unit:last-visit
    Data type: :type:date
    Data format: Array
      (
        [0] => :type:quantitative
      )
    )

```

```

    )
[8] => Array
    (
        Name: Unit soil remarks
        Description: Remarks on specific soil
characteristics of the unit.
        Descriptor: fcu:unit:remarks-soil
        Data type: :type:text
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )
[9] => Array
    (
        Name: Unit remarks
        Description: Remarks on other specific
characteristics of the unit.
        Descriptor: fcu:unit:remarks
        Data type: :type:text
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )
[10] => Array
    (
        Name: All tree species growing in the unit
        Description: List of target and non target
species growing in the unit.
        Descriptor: fcu:unit:species
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-03
            )
    )
[11] => Array
    (
        Name: Unit populations
        Description: Information on population target
species growing in the unit.
        Descriptor: fcu:population
        Data type: :type:struct

```

```

Data format: Array
(
    [0] => :type:list
)

[children] => Array
(
    [0] => Array
        (
            Name: National population
            Descriptor:
            Data type: :type:string
            Data format: Array
                (
                    [0] =>
                )
            )
        )
    [1] => Array
        (
            Name: Establishment date
            Description: Date of
            Descriptor:
            Data type: :type:date
            Data format: Array
                (
                    [0] =>
                )
            )
        )
    [2] => Array
        (
            Name: Last visit date
            Description: Date of the
            Descriptor:
            Data type: :type:date
            Data format: Array
                (
                    [0] =>
                )
            )
        )
    [3] => Array
        (

```

unit number

fcu:population:number

:type:full-text-10

establishment of the gene conservation unit for the taxon.

fcu:population:establishment

:type:quantitative

most recent visit.

fcu:population:last-visit

:type:quantitative

the target tree population regarding the EUFORGEN common action plans.

fcu:population:status

:type:categorical

:type:full-text-03

:type:summary

Name: Population status
Description: Status of

Descriptor:

Data type: :type:enum
Data format: Array

- (
- [0] =>
- [1] =>
- [2] =>
-)

)

[4] => Array

population

fcu:population:situ

:type:categorical

:type:full-text-03

:type:summary

Name: Category of the

Descriptor:

Data type: :type:enum
Data format: Array

- (
- [0] =>
- [1] =>
- [2] =>
-)

)

[5] => Array

material

fcu:population:origin

:type:categorical

:type:full-text-03

:type:summary

Name: Origin of the

Descriptor:

Data type: :type:enum
Data format: Array

- (
- [0] =>
- [1] =>
- [2] =>
-)

)

```

[6] => Array
(
    Name: Predominant
    silvicultural system
    Descriptor:
    fcu:population:system
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        :type:categorical
        [1] =>
        :type:full-text-03
        [2] =>
        :type:summary
    )
)

[7] => Array
(
    Name: Population
    management
    Description: Level of
    management allowed to favour the target species.
    Descriptor:
    fcu:population:management
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        :type:categorical
        [1] =>
        :type:full-text-03
        [2] =>
        :type:summary
    )
)

[8] => Array
(
    Name: Population
    justification
    Description: Main reason
    for carrying out gene conservation for this taxon.
    Descriptor:
    fcu:population:justification
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        :type:categorical
        [1] =>
        :type:full-text-03
    )
)

```

```

:~type:summary
[2] =>
)
)
[9] => Array
(
reproducing trees
of reproducing trees per unit.
fcu:population:reproducing
Name: Population
Description: Total number
Descriptor:
Data type: :~type:enum
Data format: Array
(
:~type:categorycal
[0] =>
:~type:full-text-03
[1] =>
:~type:summary
[2] =>
)
)
[10] => Array
(
appropriate
fcu:population:sex-ratio
Name: Sex ratio
Description: If
Descriptor:
Data type: :~type:enum
Data format: Array
(
:~type:categorycal
[0] =>
:~type:full-text-03
[1] =>
:~type:summary
[2] =>
)
)
[11] => Array
(
viable regeneration
fcu:population:regeneration
Name: Status of long-term
Descriptor:
Data type: :~type:enum
Data format: Array
(

```

```

:~type:~categorical
:~type:~full-text-03
:~type:~summary
)
)
[12] => Array
(
Name: Distribution of the
reproducing trees in the unit
Descriptor:
fcu:~population:distribution
Data type: :~type:~enum-set
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
[13] => Array
(
Name: Estimated share of
the total area within the unit in which the species is occurring
Description: Expressed as
a percentage, from 0 to 100.
Descriptor:
fcu:~population:share
Data type: :~type:~int
Data format: Array
(
[0] =>
)
)
[14] => Array
(
Name: Remarks on the
population
Descriptor:
fcu:~population:remarks
Data type: :~type:~text
Data format: Array
(

```



```

:taxon:discrete                                     [0] =>
:taxon:full-text-03                                [1] =>
                                                    )
                                                    )
[15] => Array
(
Name: Superclass
Descriptor:

Data type: :type:string
Data format: Array
(
:taxon:superclassis                                 [0] =>
:taxon:superclassis                                 [1] =>
:taxon:superclassis                                 [2] =>
)
)
[16] => Array
(
Name: Class
Descriptor:

Data type: :type:string
Data format: Array
(
:taxon:classis                                     [0] =>
:taxon:classis                                     [1] =>
:taxon:classis                                     [2] =>
)
)
[17] => Array
(
Name: Subclass
Descriptor:

Data type: :type:string
Data format: Array
(
:taxon:subclassis                                  [0] =>
:taxon:subclassis                                  [1] =>
:taxon:subclassis                                  [2] =>
)
)

```

```

:taxon:summary
[2] =>
)
)
[18] => Array
(
Name: Infraclass
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:infraclassis
:type:categorical
:type:full-text-06
:type:summary
)
[19] => Array
(
Name: Parvclass
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:parvclassis
:type:categorical
:type:full-text-06
:type:summary
)
[20] => Array
(
Name: Superfamily
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:superfamilia
:type:categorical
:type:full-text-06
:type:summary

```

```

)
)
[21] => Array
(
    Name: Family
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:familia
:type:categorical
:type:full-text-06
:type:summary

[22] => Array
(
    Name: Family authority
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

:taxon:familia:author
:type:discrete
:type:full-text-03

[23] => Array
(
    Name: Subfamily
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:subfamilia
:type:categorical
:type:full-text-06
:type:summary
)
)

```

```

[24] => Array
(
    Name: Genus
    Descriptor: :taxon:genus
    Data type: :type:string
    Data format: Array
        (
            [0] =>
: type: categorical
            [1] =>
: type: full-text-06
            [2] =>
: type: summary
        )
    )

```

```

[25] => Array
(
    Name: Genus authority
    Descriptor:
: taxon: genus: author
    Data type: :type:string
    Data format: Array
        (
            [0] =>
: type: discrete
            [1] =>
: type: full-text-03
        )
    )

```

```

[26] => Array
(
    Name: Subgenus
    Descriptor:
: taxon: subgenus
    Data type: :type:string
    Data format: Array
        (
            [0] =>
: type: categorical
            [1] =>
: type: full-text-06
        )
    )

```

```

[27] => Array
(
    Name: Section
    Descriptor: :taxon:sectio
    Data type: :type:string
    Data format: Array
        (

```

```

:~type:~categorical
:~type:~full-text-06
[0] =>
[1] =>
)
)
[28] => Array
(
  Name: Series
  Descriptor: :~taxon:~series
  Data type: :~type:~string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~type:~categorical
:~type:~full-text-06
[29] => Array
(
  Name: Variety
  Descriptor:
  Data type: :~type:~string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~taxon:~varietas
:~type:~categorical
:~type:~full-text-06
[30] => Array
(
  Name: Variety authority
  Descriptor:
  Data type: :~type:~string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~taxon:~varietas:~author
:~type:~discrete
:~type:~full-text-03
[31] => Array

```

```

(
  Name: Form
  Descriptor: :taxon:forma
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

```

:type:categorical

:type:full-text-06

[32] => Array

:taxon:forma:author

:type:discrete

:type:full-text-03

[33] => Array

:taxon:superregnum

:type:categorical

:type:full-text-06

:type:summary

[34] => Array

```

(
  Name: Kingdom
  Descriptor: :taxon:regnum
  Data type: :type:string
  Data format: Array
  (

```

```

[0] =>
:type:categorical
[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)
[35] => Array
(
Name: Subkingdom
Descriptor:

Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
:type:categorical
:type:full-text-06
:type:summary
)
)
[36] => Array
(
Name: Infrakingdom or
Descriptor:

Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
:type:categorical
:type:full-text-06
:type:summary
)
)
[37] => Array
(
Name: Legion
Descriptor: :taxon:legio
Data type: :type:string
Data format: Array
(
[0] =>
:type:categorical

```

```

:~type:full-text-06
:~type:summary
)
)
[38] => Array
(
  Name: Cohort
  Descriptor: :~taxon:cohors
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:categorical
:~type:full-text-06
:~type:summary
)
[39] => Array
(
  Name: Magnorder or
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
Megaorder
:~taxon:magnordo
:~type:categorical
:~type:full-text-06
:~type:summary
)
[40] => Array
(
  Name: Superorder
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~taxon:superordo
:~type:categorical
:~type:full-text-06

```



```

:taxon:summary
)
)
[41] => Array
(
Name: Grandorder
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:grandordo
:type:summary
:type:full-text-06
:type:summary
:type:full-text-06
:type:summary
:type:full-text-06
:type:summary
)
[42] => Array
(
Name: Grandorder
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:mirordo
:type:summary
:type:full-text-06
:type:summary
:type:full-text-06
:type:summary
)
[43] => Array
(
Name: Order
Descriptor: :taxon:ordo
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:summary
:type:summary
:type:full-text-06
:type:summary

```

```

    )
[44] => Array
    (
        Name: Suborder
        Descriptor:

        Data type: :type:string
        Data format: Array
        (
            [0] =>
            [1] =>
            [2] =>
        )
    )

:taxon:subordo
:type:categorical
:type:full-text-06
:type:summary

[45] => Array
    (
        Name: Infraorder
        Descriptor:

        Data type: :type:string
        Data format: Array
        (
            [0] =>
            [1] =>
            [2] =>
        )
    )

:taxon:infraordo
:type:categorical
:type:full-text-06
:type:summary

[46] => Array
    (
        Name: Parvorder
        Descriptor:

        Data type: :type:string
        Data format: Array
        (
            [0] =>
            [1] =>
            [2] =>
        )
    )

:taxon:parvordo
:type:categorical
:type:full-text-06
:type:summary

```

```

[47] => Array
      (
        Name: Superphylum or
Superdivision
        Descriptor:
:taxon:superphylum
        Data type: :type:string
        Data format: Array
          (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
            [2] =>
:~type:~summary
          )
      )

```

```

[48] => Array
      (
        Name: Phylum or Division
        Descriptor: :taxon:phylum
        Data type: :type:string
        Data format: Array
          (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
            [2] =>
:~type:~summary
          )
      )

```

```

[49] => Array
      (
        Name: Subphylum
        Descriptor:
:taxon:subphylum
        Data type: :type:string
        Data format: Array
          (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
            [2] =>
:~type:~summary
          )
      )

```

```

[50] => Array

```

```

(
  Name: Infraphylum
  Descriptor:

  Data type: :type:string
  Data format: Array
    (
      [0] =>
      [1] =>
      [2] =>
    )
)

:taxon:infraphylum

:type:categorycal
:type:full-text-06
:type:summary

[51] => Array
(
  Name: Microphylum
  Descriptor:

  Data type: :type:string
  Data format: Array
    (
      [0] =>
      [1] =>
      [2] =>
    )
)

:taxon:microphylum

:type:categorycal
:type:full-text-06
:type:summary

[52] => Array
(
  Name: Superspecies
  Descriptor:

  Data type: :type:string
  Data format: Array
    (
      [0] =>
      [1] =>
    )
)

:taxon:superspecies

:type:categorycal
:type:full-text-06

[53] => Array
(
  Name: Species
  Descriptor:

  :taxon:species

```

```

Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[54] => Array
(
    Name: Species authority
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
:taxon:species:author
:type:discrete
:type:full-text-03
[55] => Array
(
    Name: Subspecies
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
:taxon:subspecies
:type:discrete
:type:full-text-03
[56] => Array
(
    Name: Subspecies
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
authority
:taxon:subspecies:author
:type:discrete
:type:full-text-03

```

```

)
)
[57] => Array
(
Name: Supertribe
Descriptor:

Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:supertribus
:type:categorical
:type:full-text-06
:type:summary

[58] => Array
(
Name: Tribe
Descriptor: :taxon:tribus
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
:type:categorical
:type:full-text-06

[59] => Array
(
Name: Subtribe
Descriptor:

Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:subtribus
:type:categorical
:type:full-text-06
:type:summary

[60] => Array

```

```

(
    Name: Taxonomic rank
    Description: This
attribute holds the enumerated value describing the rank or position
in the taxonomic hierarchy.
    Descriptor: :taxon:rank
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)

[61] => Array
(
    Name: Crop
    Descriptor: :taxon:crop
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)

[62] => Array
(
    Name: Chromosome number
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:list
        [2] =>
:type:full-text-03
    )
)

[63] => Array
(

```

```

Name: Gene Pool
Descriptor:

:taxon:genepool

Data type: :type:string
Data format: Array
(
    [0] =>
:~type:discrete
    [1] =>
:~type:list
    [2] =>
:~type:full-text-03
)
)

[64] => Array
(
    Name: Gene Pool reference
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:discrete
        [1] =>
:~type:list
    )
)

[65] => Array
(
    Name: Taxon group
    Descriptor: :taxon:group
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:discrete
        [1] =>
:~type:list
        [2] =>
:~type:full-text-03
    )
)

[66] => Array
(
    Name: Taxon group
    Descriptor: :taxon:group-
    Data type: :type:string
reference
ref

```



```

Data format: Array
(
    [0] =>
    [1] =>
)
)
[67] => Array
(
    Name: GP/TG group concept
    Descriptor: :taxon:gp/tg
    Data type: :type:text
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[68] => Array
(
    Name: Taxon sub-group
    Descriptor: :taxon:sub-
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
[69] => Array
(
    Name: Taxon sub-group
    Descriptor: :taxon:sub-
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

```

:type:discrete

:type:full-text-03

:type:discrete

:type:list

group

:type:discrete

:type:list

:type:full-text-03

reference

group-ref

:type:discrete

:type:list

```

)
)
[70] => Array
(
    Name: Taxon designation
    Description: Type of
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
)
[71] => Array
(
    Name: Taxon designation
    Description: Database,
    literature or personal communication reference for listing of taxon
    as a crop wild relative or wild utilised species.
    Descriptor:
    Data type: :type:text
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
)
[72] => Array
(
    Name: Taxon national
    Descriptor:
    Data type: :type:string
    Data format: Array
    (

```

taxon.

:taxon:designation

:type:categorical

:type:list

:type:full-text-03

references

:taxon:designation:ref

:type:discrete

:type:list

:type:full-text-03

designation

:taxon:designation:national

```

                                         [0] =>
:type:categorycal
                                         [1] =>
:type:full-text-03
                                         )
                                         )
[73] => Array
    (
        Name: Taxon primary or
        Description: Designation
        Descriptor:
        Data type: :type:string
        Data format: Array
        (
            [0] =>
            [1] =>
            [2] =>
        )
    )
[74] => Array
    (
        Name: Designation notes
        Description: Notes on
        Descriptor:
        Data type: :type:text
        Data format: Array
        (
            [0] =>
            [1] =>
        )
    )
[75] => Array
    (
        Name: Relation to crop
        Descriptor: :taxon:rel-
        Data type: :type:enum
        Data format: Array
    )

```

prioritised uses
of the primary or prioritized use of the associated crop or the wild
utilised species taxon.

occurrence and designation status from databases, literature or
personal communications.

crop

```

(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)

```

[76] => Array

```

(
    Name: Associated crop
    Description: Scientific
    taxa names of the associated crop to which the crop wild relative is
    related.
    Descriptor: :taxon:rel-
    crop:taxa
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:list
        [2] =>
:type:full-text-03
    )
)
)

```

[77] => Array

```

(
    Name:
    Associated_crop_common names
    Description: The
    vernacular names of the associated crop taxon to which the crop wild
    relative is related.
    Descriptor: :taxon:rel-
    crop:names
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:list
        [2] =>
:type:full-text-03
    )
)
)

```

[78] => Array

```

(
  Name: Occurrence status
  Descriptor:
:taxon:occurrence-status
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
:taxon:occurrence-status
:taxon:occurrence-status
:taxon:occurrence-status
:taxon:occurrence-status
    [1] =>
    [2] =>
  )
)
[79] => Array
(
  Name: Scientific name
  Descriptor:
:taxon:epithet
  Data type: :type:string
  Data format: Array
  (
    [0] =>
:taxon:epithet
:taxon:epithet
    [1] =>
  )
)
[80] => Array
(
  Name: Scientific name
  Descriptor: :taxon:author
  Data type: :type:string
  Data format: Array
  (
    [0] =>
:taxon:author
:taxon:author
    [1] =>
  )
)
[81] => Array
(
  Name: Species name
  Descriptor:
:taxon:species:name
  Data type: :type:string
  Data format: Array

```

```

(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[82] => Array
(
    Name: Intraspecific
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
)
[83] => Array
(
    Name: Intraspecific
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
)
[84] => Array
(
    Name: Valid scientific
    Descriptor: :taxon:valid
    Data type: :type:string
    Data format: Array
    (
        [0] =>

```

```

:type:categorycal

```

```

:taxon:full-text-03
[1] =>
)
)
[85] => Array
(
Name: Scientific name
synonyms
Descriptor:
:taxon:synonym
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
[86] => Array
(
Name: Common taxon names
Descriptor: :taxon:names
Data type:
:taxon:language-strings
Data format: Array
(
[0] =>
[1] =>
)
)
[87] => Array
(
Name: Taxonomic reference
Description: This
attribute holds the internet address in which the current taxon is
published.
Descriptor: :taxon:url
Data type: :type:url
Data format: Array
(
[0] =>
)
)
)

```

```

[88] => Array
(
  Name: Scientific name
  Identifier
  Descriptor: :taxon:id
  Data type: :type:string
  Data format: Array
  (
    [0] =>
  )
)

:type:discrete

[89] => Array
(
  Name: Scientific name
  reference
  :taxon:reference
  Descriptor:
  Data type: :type:url
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

:type:discrete
:type:list

[90] => Array
(
  Name: Scientific name
  synonyms references
  Descriptor: :taxon:synref
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

:type:discrete
:type:list

)

[12] => Array
(
  Name: Elevation

```


Description: This attribute holds the location elevation in meters, positive values indicate above the sea level and negative values indicate below sea level. For areas, this attribute should hold the mean elevation.

Descriptor: :location:site:elevation

Data type: :type:int

Data format: Array

```
(
    [0] => :type:quantitative
)
```

)

[13] => Array

(

Name: Minimum elevation

Description: This attribute holds the location minimum elevation in meters, positive values indicate above the sea level and negative values indicate below sea level.

Descriptor: :location:site:elevation:min

Data type: :type:int

Data format: Array

```
(
    [0] => :type:quantitative
)
```

)

[14] => Array

(

Name: Maximum elevation

Description: This attribute holds the location maximum elevation in meters, positive values indicate above the sea level and negative values indicate below sea level.

Descriptor: :location:site:elevation:max

Data type: :type:int

Data format: Array

```
(
    [0] => :type:quantitative
)
```

)

[15] => Array

(

Name: Elevation uncertainty

Description: This attribute holds the location elevation uncertainty in meters, positive values indicate above the sea level and negative values indicate below sea level.

Descriptor: :location:site:elevation:error

Data type: :type:int

Data format: Array

```
(
    [0] => :type:quantitative
)
```

```

    )

[16] => Array
(
    Name: Datum
    Description: Datum of the projection used to
obtain the coordinates. If not provided 'WGS 1984' will be used. A
horizontal geodetic datum based on an ellipsoid that has its origin
at the earth's center of mass. Examples are the World Geodetic System
of 1984, the North American Datum of 1983, and the Geodetic Datum of
Australia of 1994. The first uses the WGS84 ellipsoid; the latter two
use the GRS80 ellipsoid.
    Descriptor: :location:site:datum
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)

[17] => Array
(
    Name: Decimal latitude
    Description: This attribute holds the location
latitude in decimal degrees.
    Descriptor: :location:site:latitude
    Data type: :type:float
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[18] => Array
(
    Name: Provided latitude
    Description: This attribute holds the location
latitude as it was provided.
    Descriptor: :location:site:latitude:provided
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
    )
)

[19] => Array
(
    Name: Degrees of latitude
    Description: This attribute holds the location
latitude degrees.

```

```

Descriptor: :location:site:latitude:deg
Data type: :type:int
Data format: Array
    (
        [0] => :type:quantitative
    )
)

[20] => Array
    (
        Name: Minutes of latitude
        Description: This attribute holds the location
latitude minutes.
        Descriptor: :location:site:latitude:min
        Data type: :type:float
        Data format: Array
            (
                [0] => :type:discrete
            )
        )
)

[21] => Array
    (
        Name: Seconds of latitude
        Description: This attribute holds the location
latitude seconds.
        Descriptor: :location:site:latitude:sec
        Data type: :type:float
        Data format: Array
            (
                [0] => :type:discrete
            )
        )
)

[22] => Array
    (
        Name: Latitude hemisphere
        Description: This attribute holds the location
latitude hemisphere, accepted values are N for North and S for South.
        Descriptor: :location:site:latitude:hem
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
            )
        )
)

[23] => Array
    (
        Name: Latitude uncertainty
        Description: This attribute holds the location
latitude uncertainty in meters.
    )

```

```

Descriptor: :location:site:latitude:error
Data type: :type:int
Data format: Array
    (
        [0] => :type:quantitative
    )
)

[24] => Array
    (
        Name: Decimal longitude
        Description: This attribute holds the location
longitude in decimal degrees.
        Descriptor: :location:site:longitude
        Data type: :type:float
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )
)

[25] => Array
    (
        Name: Provided longitude
        Description: This attribute holds the location
longitude as it was provided.
        Descriptor: :location:site:longitude:provided
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
            )
        )
)

[26] => Array
    (
        Name: Degrees of longitude
        Description: This attribute holds the location
longitude degrees.
        Descriptor: :location:site:longitude:deg
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )
)

[27] => Array
    (
        Name: Minutes of longitude
        Description: This attribute holds the location
longitude minutes.
    )
)

```

```

        Descriptor: :location:site:longitude:min
        Data type: :type:float
        Data format: Array
        (
            [0] => :type:discrete
        )
    )
[28] => Array
    (
        Name: Seconds of longitude
        Description: This attribute holds the location
longitude seconds.
        Descriptor: :location:site:longitude:sec
        Data type: :type:float
        Data format: Array
        (
            [0] => :type:discrete
        )
    )
[29] => Array
    (
        Name: Longitude hemisphere
        Description: This attribute holds the location
longitude hemisphere, accepted values are E for East and W for West.
        Descriptor: :location:site:longitude:hem
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
        )
    )
[30] => Array
    (
        Name: Longitude uncertainty
        Description: This attribute holds the location
longitude uncertainty in meters.
        Descriptor: :location:site:longitude:error
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )
[31] => Array
    (
        Name: Maximum error distance
        Descriptor: :location:site:error
        Data type: :type:int

```

```

        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[32] => Array
    (
        Name: Coordinates restricted
        Description: This attribute indicates whether
the coordinates may or may not be published.
        Descriptor: :location:site:coordinates-
restricted
        Data type: :type:boolean
        Data format: Array
        (
            [0] => :type:discrete
        )
    )

[33] => Array
    (
        Name: Nearest named place
        Description: Name of nearest place to site.
This also refers to places that may not have proper names (i.e. road
junctions).
        Descriptor: :location:near-place
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )

[34] => Array
    (
        Name: Distance from nearest named place
        Description: Distance from nearest named place
to site in meters.
        Descriptor: :location:near-dist
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[35] => Array
    (
        Name: Direction from nearest named place

```

Description: Direction of site from nearest named place in degrees relative to North.

Descriptor: :location:near-dir

Data type: :type:int

Data format: Array

```
(
    [0] => :type:quantitative
)
```

)

[36] => Array

(
Name: Continent
Description: This attribute holds the enumerated value describing the location continent.

Descriptor: :location:continent

Data type: :type:enum

Data format: Array

```
(
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
)
```

)

[37] => Array

(
Name: Country
Description: This attribute holds the enumerated value describing the location country. For historical reasons legacy countries are included.

Descriptor: :location:country

Data type: :type:enum

Data format: Array

```
(
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
)
```

)

[38] => Array

(
Name: Administrative unit
Description: This attribute holds the enumerated value describing the administrative unit of the location, the code can describe either a continent, country or country subdivision.

Descriptor: :location:admin

Data type: :type:enum

Data format: Array

```
(
    [0] => :type:categorical
```

```

[1] => :type:full-text-06
[2] => :type:summary
)
)
[39] => Array
(
  Name: Georeference date
  Descriptor: :location:site:georeference-date
  Data type: :type:date
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
[40] => Array
(
  Name: Georeference contact
  Descriptor: :location:site:georeference-contact
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[41] => Array
(
  Name: Georeference source
  Descriptor: :location:site:georeference-source
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[42] => Array
(
  Name: Georeferencing method
  Descriptor: :location:site:georeference-method
  Data type: :type:enum
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
  )
)

```



```

)
[43] => Array
(
  Name: Georeference tool
  Descriptor: :location:site:georeference-tool
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
  )
)
[44] => Array
(
  Name: Georeference latitude
  Description: This attribute holds the location
georeference latitude in decimal degrees.
  Descriptor: :location:site:georeference-
latitude
  Data type: :type:float
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
[45] => Array
(
  Name: Georeference longitude
  Description: This attribute holds the location
georeference longitude in decimal degrees.
  Descriptor: :location:site:georeference-
longitude
  Data type: :type:float
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
[46] => Array
(
  Name: Georeference error
  Descriptor: :location:site:georeference-error
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```

[47] => Array
  (
    Name: Georeference original coordinate
    Descriptor: :location:site:georeference-old
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
      )
  )

[48] => Array
  (
    Name: Georeference notes
    Descriptor: :location:site:georeference-notes
    Data type: :type:text
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
  )

[49] => Array
  (
    Name: Habitat type
    Descriptor: iucn:habitat
    Data type: :type:enum-set
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
      )
  )

[50] => Array
  (
    Name: Habitat type scoring
    Descriptor: iucn:habitat-score
    Data type: :type:enum
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
      )
  )

[51] => Array
  (

```

```

Name: Habitat type
Descriptor: eec:EUNIS
Data type: :type:enum-set
Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)

[52] => Array
    (
        Name: National habitat unit code
        Descriptor: :location:site:unit-code
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
        )

[53] => Array
    (
        Name: National habitat unit description
        Descriptor: :location:site:unit-descr
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
        )

[54] => Array
    (
        Name: National habitat unit authority file
        Description: Authority file to which the
habitat refers.
        Descriptor: :location:site:unit-file
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
        )

[55] => Array
    (

```

```

version
    Name: National habitat unit authority file
    Description: Version of authority file used.
    Descriptor: :location:site:unit-file-vers
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[56] => Array
    (
        Name: Land element and position
        Description: Description of the geomorphology
of the immediate surroundings of the collecting site (adapted from
FAO, 1990).
        Descriptor: :location:site:position
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
    )
[57] => Array
    (
        Name: Land slope
        Description: Estimated slope of the site in
degrees.
        Descriptor: :location:site:slope
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )
[58] => Array
    (
        Name: Land slope aspect
        Description: The direction that the slope
faces, with symbols N, S, E, W (e.g. a slope that faces a south-
western direction has an aspect of SW).
        Descriptor: :location:site:slope:aspect
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
            )
    )

```

```

    )
[59] => Array
    (
        Name: Site identifier
        Description: This attribute holds the unique
identifier of the site.
        Descriptor: :location:site:id
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-06
            )
    )
[60] => Array
    (
        Name: Site notes
        Descriptor: :location:site:notes
        Data type: :type:text
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )
[61] => Array
    (
        Name: Site legislation
        Descriptor: :location:site:legislation
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
    )
[62] => Array
    (
        Name: Site ownership
        Descriptor: :location:site:ownership
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
    )

```

```

    )
[63] => Array
    (
        Name: Site monitoring
        Description: Whether any monitoring of the site
is foreseen across years.
        Descriptor: :location:site:monitored
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:summary
            )
    )
[64] => Array
    (
        Name: Monitoring author/compiler
        Description: Name of person or entity in charge
of the monitoring.
        Descriptor: :location:site:monitor
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )
[65] => Array
    (
        Name: Monitoring interval
        Description: Monitoring interval in years.
        Descriptor: :location:site:monitor:interval
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )
[66] => Array
    (
        Name: Region
        Description: This attribute holds the region
name.
        Descriptor: :location:region
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete

```

```

        [1] => :type:full-text-06
    )
)
[67] => Array
(
    Name: Primary administrative unit
    Description: This attribute holds the name of
the primary administrative unit below the country.
    Descriptor: :location:admin-1
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
[68] => Array
(
    Name: Secondary administrative unit
    Description: This attribute holds the name of
the secondary administrative unit below the primary administrative
unit.
    Descriptor: :location:admin-2
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
[69] => Array
(
    Name: Lowest administrative unit
    Description: This attribute holds the name of
the lowest administrative unit, or local name of the location.
    Descriptor: :location:admin-3
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
    )
)
[70] => Array
(
    Name: Locality

```

Description: This attribute holds the description or name of the location, this might include the distance in kilometres and direction from the nearest town, village or map grid reference point.

Descriptor: :location:locality
Data type: :type:string
Data format: Array
(
 [0] => :type:discrete
 [1] => :type:full-text-06
)

)

[71] => Array

(
 Name: CWR site protection
 Descriptor: :location:site:protected
 Data type: :type:enum
 Data format: Array
 (
 [0] => :type:categorical
 [1] => :type:full-text-03
 [2] => :type:summary
)
)

)

[72] => Array

(
 Name: World Database of Protected Areas code
 Description: World Database of Protected Areas
unique site code (WDPA) (source: <http://www.wdpa.org/>).
 Descriptor: :location:site:WDPA
 Data type: :type:string
 Data format: Array
 (
 [0] => :type:discrete
 [1] => :type:full-text-03
)
)

)

[73] => Array

(
 Name: Soil texture
 Descriptor: :location:site:texture
 Data type: :type:enum
 Data format: Array
 (
 [0] => :type:categorical
 [1] => :type:full-text-03
 [2] => :type:summary
)
)

)


```

[74] => Array
(
  Name: Soil moisture
  Description: Moisture conditions prevailing in
the soil.

  Descriptor: :location:site:moisture
  Data type: :type:enum
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
  )
)

[75] => Array
(
  Name: Soil Ph.
  Descriptor: :location:site:ph
  Data type: :type:enum
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
  )
)

[76] => Array
(
  Name: Soil acidity value
  Description: Actual measurement of soil acidity
at related depth.

  Descriptor: :location:site:ph:value
  Data type: :type:float
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

[77] => Array
(
  Name: Ph. measurement depth
  Description: Depth in centimetres at which soil
acidity condition was recorded.
  Descriptor: :location:site:ph:depth
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```

)
[78] => Array
(
    Name: Soil salinity
    Descriptor: :location:site:salt
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)
[79] => Array
(
    Name: Soil acidity value
    Description: Actual measurement of soil
salinity in ppm at related depth.
    Descriptor: :location:site:salt:value
    Data type: :type:float
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
[80] => Array
(
    Name: Salinity measurement depth
    Description: Depth in centimetres at which soil
salinity condition was recorded.
    Descriptor: :location:site:salt:depth
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
[81] => Array
(
    Name: Land use (FAO)
    Descriptor: fao:landuse
    Data type: :type:enum-set
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)

```

```
)  
[82] => Array  
(  
  Name: Land use (CORINE)  
  Descriptor: eec:CORINE  
  Data type: :type:enum-set  
  Data format: Array  
  (  
    [0] => :type:categorical  
    [1] => :type:full-text-03  
    [2] => :type:summary  
  )  
)  
)
```

Inventory

Inventory (descriptive format)

```
[node] => 32186
Name: Crop wild relatives inventory
Description: This structure contains all default properties of a crop
wild relative inventory.
[children] => Array
  (
    [0] => Array
      (
        Name: Institute code
        Description: FAO WIEWS code of the institute
that is responsible for the production of the National CWR checklist
or inventory.
        Descriptor: cwr:INSTCODE
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:discrete
            [1] => :type:full-text-10
          )
        )
    [1] => Array
      (
        Name: References
        Description: Any bibliographic references
related to the publication, the format should include the author,
date, title, journal, volume and page number or the DOI number.
        Descriptor: cwr:REF
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:discrete
            [1] => :type:list
            [2] => :type:full-text-03
          )
        )
    [2] => Array
      (
        Name: URL links
        Description: URL linking to any additional data
about the species either in the institute or from another source.
        Descriptor: cwr:URL
        Data type: :type:url
        Data format: Array
          (
            [0] => :type:discrete
          )
        )
      )
  )
```

```

[3] => Array
  (
    Name: Remarks
    Descriptor: cwr:REMARKS
    Data type: :type:text
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )

[4] => Array
  (
    Name: National Inventory edition number
    Description: Code identifying the edition of
the National CWR Inventory made up of the edition number and the year
of publication.
    Descriptor: cwr:in:NIENUMB
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-10
      )
    )

[5] => Array
  (
    Name: List of criteria used for the NI
prioritization
    Descriptor: cwr:in:CRITPRIORI
    Data type: :type:enum-set
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
      )
    )

[6] => Array
  (
    Name: Method for the NI prioritization
    Description: Description of the method applied
to the NI prioritization, based on the criteria used.
    Descriptor: cwr:in:METHCRITPRIORI
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )

```

```

    )
  )
[7] => Array
(
  Name: Priority level
  Description: Priority level of crop wild
relative or wild utilised species.
  Descriptor: cwr:in:PRIORITY-LEVEL
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:list
    [2] => :type:full-text-03
  )
)
[8] => Array
(
  Name: Populations
  Description: Details about the crop wild
relative populations in the field.
  Descriptor: cwr:population
  Data type: :type:struct
  Data format: Array
  (
    [0] => :type:list
  )
  [children] => Array
  (
    [0] => Array
      (
        Name: Safety duplicats
        Description: List of
sample safety duplicates information.
Descriptor:
:germplasm:safety
Data type: :type:struct
Data format: Array
(
  [0] =>
:type:list
)
[children] => Array
(
  [0] => Array
    (
      Name: Institute
      Description: This attribute holds a reference to the institute.

```

Descriptor: :inventory:institute

Data type: :type:ref:unit

)

[1] => Array

(

Name: Germplasm identifier

Description: This attribute holds the unique identifier of the germplasm.

Descriptor: :germplasm:identifier

Data type: :type:string

Data format: Array

(

[0] => :type:discrete

[1] => :type:full-text-06

)

)

[2] => Array

(

Name: Accession number

Description: This code serves as a unique identifier for accessions within a genebank collection, and is assigned when a sample is entered into the genebank collection.

Descriptor: mcpd:ACCENUMB

Data type: :type:string

Data format: Array

(

[0] => :type:discrete

[1] => :type:full-text-10

)

)

[3] => Array

```

(
    Name: Location of safety duplicates
    Description: The FAO/WIEWS code of the institute holding the
    accession safety duplicates.
    Descriptor: mcpd:DUPLSITE
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)

[4] => Array
(
    Name: Safety duplication location names
    Descriptor: mcpd:DUPLDESCR
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)

[5] => Array
(
    Name: Structure label
    Description: This attribute holds a string which is used to
    identify a structure in a list of structures that do not contain a
    field which can be used for this purpose.
    Descriptor: :struct-label

```



```

Data type: :type:string
Data format: Array
(
  [0] => :type:discrete
  [1] => :type:private-search
  [2] => :type:private-modify
  [3] => :type:private-display
)
)
)
)
[1] => Array
(
  Name: Environment
  Description:
  Descriptor: :environment
  Data type: :type:struct
  [children] => Array
    (
      [0] => Array
        (
          Name: Global Environment Stratification
          Description: Global Environment Stratification code.
          Descriptor: gens
          Data type: :type:string
          Data format: Array
          (
            [0] => :type:categorical
            [1] => :type:list
          )
        )
      )
    )
  )
)
[1] => Array

```

Environmental data.

```

(
Name: Climatic zone
Descriptor: gens:clim
Data type: :type:enum-set
Data format: Array
(
[0] => :type:categorical
[1] => :type:full-text-03
[2] => :type:summary
)
)
[2] => Array
(
Name: Environmental zone
Descriptor: gens:zone
Data type: :type:enum-set
Data format: Array
(
[0] => :type:categorical
[1] => :type:full-text-03
[2] => :type:summary
)
)
[3] => Array
(
Name: Global land cover type
Descriptor: globcov
Data type: :type:enum-set
Data format: Array

```

```

(
  [0] => :type:categorical
  [1] => :type:full-text-03
  [2] => :type:summary
)

)

[4] => Array
(

Name: Harmonised world soil type
Descriptor: hwsd
Data type: :type:enum-set
Data format: Array
(
  [0] => :type:categorical
  [1] => :type:full-text-03
  [2] => :type:summary
)

)

[5] => Array
(

Name: Monthly precipitation
Description: Monthly precipitation of location.
Descriptor: :environment:precipitation
Data type: :type:struct
[children] => Array
(
  [0] => Array
    (
      Name: January minimum precipitation

```

```

precipitation.      Description: Location January minimum

                    Descriptor: :environment:precipitation:01-min

                    Data type: :type:int

                    Data format: Array

                        (

                            [0] => :type:quantitative

                        )

                    )

[1] => Array

    (

        Name: January mean precipitation

        Description: Location January mean

precipitation.

        Descriptor: :environment:precipitation:01-mean

        Data type: :type:int

        Data format: Array

            (

                [0] => :type:quantitative

            )

        )

[2] => Array

    (

        Name: January maximum precipitation

        Description: Location January maximum

precipitation.

        Descriptor: :environment:precipitation:01-max

```

```

Data type: :type:int
Data format: Array
    (
        [0] => :type:quantitative
    )
)

[3] => Array
    (
        Name: February minimum precipitation
        Description: Location February minimum
precipitation.
        Descriptor: :environment:precipitation:02-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[4] => Array
    (
        Name: February mean precipitation
        Description: Location February mean
precipitation.
        Descriptor: :environment:precipitation:02-mean
        Data type: :type:int
        Data format: Array
            (

```

```

                                [0] => :type:quantitative
                                )
                                )

[5] => Array
    (
        Name: February maximum precipitation
        Description: Location February maximum
precipitation.
        Descriptor: :environment:precipitation:02-max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[6] => Array
    (
        Name: March minimum precipitation
        Description: Location March minimum
precipitation.
        Descriptor: :environment:precipitation:03-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```

    )

[7] => Array
    (
        Name: March mean precipitation
        Description: Location March mean precipitation.
        Descriptor: :environment:precipitation:03-mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[8] => Array
    (
        Name: March maximum precipitation
        Description: Location March maximum
precipitation.
        Descriptor: :environment:precipitation:03-max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[9] => Array
    (

```

```

Name: April minimum precipitation
Description: Location April minimum
precipitation.

Descriptor: :environment:precipitation:04-min
Data type: :type:int
Data format: Array

(
    [0] => :type:quantitative
)

)

[10] => Array
(
    Name: April mean precipitation
    Description: Location April mean precipitation.
    Descriptor: :environment:precipitation:04-mean
    Data type: :type:int
    Data format: Array

    (
        [0] => :type:quantitative
    )

)

[11] => Array
(
    Name: April maximum precipitation
    Description: Location April maximum
precipitation.

    Descriptor: :environment:precipitation:04-max

```



```

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)

[12] => Array
(
    Name: May minimum precipitation
    Description: Location May minimum
precipitation.
    Descriptor: :environment:precipitation:05-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[13] => Array
(
    Name: May mean precipitation
    Description: Location May mean precipitation.
    Descriptor: :environment:precipitation:05-mean
    Data type: :type:int
    Data format: Array
    (

```

```

                                [0] => :type:quantitative
                                )
                                )

[14] => Array
    (
        Name: May maximum precipitation
        Description: Location May maximum
precipitation.
        Descriptor: :environment:precipitation:05-max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[15] => Array
    (
        Name: June minimum precipitation
        Description: Location June minimum
precipitation.
        Descriptor: :environment:precipitation:06-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```
)
```

```
[16] => Array
```

```
(
```

```
  Name: June mean precipitation
```

```
  Description: Location June mean precipitation.
```

```
  Descriptor: :environment:precipitation:06-mean
```

```
  Data type: :type:int
```

```
  Data format: Array
```

```
    (
```

```
      [0] => :type:quantitative
```

```
    )
```

```
)
```

```
[17] => Array
```

```
(
```

```
  Name: June maximum precipitation
```

```
  Description: Location June maximum  
precipitation.
```

```
  Descriptor: :environment:precipitation:06-max
```

```
  Data type: :type:int
```

```
  Data format: Array
```

```
    (
```

```
      [0] => :type:quantitative
```

```
    )
```

```
)
```

```
[18] => Array
```

```
(
```

```

Name: July minimum precipitation
Description: Location July minimum
precipitation.

Descriptor: :environment:precipitation:07-min
Data type: :type:int
Data format: Array

(
    [0] => :type:quantitative
)

)

[19] => Array
(
    Name: July mean precipitation
    Description: Location July mean precipitation.
    Descriptor: :environment:precipitation:07-mean
    Data type: :type:int
    Data format: Array

    (
        [0] => :type:quantitative
    )

)

[20] => Array
(
    Name: July maximum precipitation
    Description: Location July maximum
precipitation.

    Descriptor: :environment:precipitation:07-max

```

```

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)

[21] => Array
(
    Name: August minimum precipitation
    Description: Location August minimum
precipitation.
    Descriptor: :environment:precipitation:08-min
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)
)

[22] => Array
(
    Name: August mean precipitation
    Description: Location August mean
precipitation.
    Descriptor: :environment:precipitation:08-mean
    Data type: :type:int
    Data format: Array
(

```

```

                                [0] => :type:quantitative
                                )
                                )

[23] => Array
    (
        Name: August maximum precipitation
        Description: Location August maximum
precipitation.
        Descriptor: :environment:precipitation:08-max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[24] => Array
    (
        Name: September minimum precipitation
        Description: Location September minimum
precipitation.
        Descriptor: :environment:precipitation:09-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```

    )

[25] => Array
    (
        Name: September mean precipitation
        Description: Location September mean
precipitation.
        Descriptor: :environment:precipitation:09-mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[26] => Array
    (
        Name: September maximum precipitation
        Description: Location September maximum
precipitation.
        Descriptor: :environment:precipitation:09-max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[27] => Array

```

```
(
    Name: October minimum precipitation
    Description: Location October minimum
precipitation.
    Descriptor: :environment:precipitation:10-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[28] => Array

```
(
    Name: October mean precipitation
    Description: Location October mean
precipitation.
    Descriptor: :environment:precipitation:10-mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[29] => Array

```
(
    Name: October maximum precipitation
```



```
precipitation.      Description: Location October maximum

                    Descriptor: :environment:precipitation:10-max
                    Data type: :type:int
                    Data format: Array
                    (
                      [0] => :type:quantitative
                    )
                )
```

```
[30] => Array
```

```
(
  Name: November minimum precipitation
  Description: Location November minimum
precipitation.
  Descriptor: :environment:precipitation:11-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[31] => Array
```

```
(
  Name: November mean precipitation
  Description: Location November mean
precipitation.
  Descriptor: :environment:precipitation:11-mean
```

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[32] => Array

```
(  
    Name: November maximum precipitation  
    Description: Location November maximum  
    Descriptor: :environment:precipitation:11-max  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

precipitation.

[33] => Array

```
(  
    Name: December minimum precipitation  
    Description: Location December minimum  
    Descriptor: :environment:precipitation:12-min  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

precipitation.

```

[0] => :type:quantitative
)
)
[34] => Array
(
  Name: December mean precipitation
  Description: Location December mean
precipitation.
  Descriptor: :environment:precipitation:12-mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
[35] => Array
(
  Name: December maximum precipitation
  Description: Location December maximum
precipitation.
  Descriptor: :environment:precipitation:12-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

```

```

    )
)

    )
[6] => Array
(

Name: Monthly temperature
Description: Monthly temperature of location.
Descriptor: :environment:temperature
Data type: :type:struct
[children] => Array
(
    [0] => Array
    (
        Name: January minimum temperature (minimum)
        Description: Location January minimum
temperature (minimum).
        Descriptor: :environment:temperature:01-min-min
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )
)

    [1] => Array
    (
        Name: January minimum temperature (mean)
        Description: Location January minimum
temperature (mean).

```

```

mean
Descriptor: :environment:temperature:01-min-

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[2] => Array
(
    Name: January minimum temperature (maximum)
    Description: Location January minimum
temperature (maximum).
    Descriptor: :environment:temperature:01-min-max
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)

)

[3] => Array
(
    Name: January mean temperature (minimum)
    Description: Location January mean temperature
(minimum).
    Descriptor: :environment:temperature:01-mean-
min
    Data type: :type:int

```

```

Data format: Array
    (
        [0] => :type:quantitative
    )
)

[4] => Array
    (
        Name: January mean temperature (mean)
        Description: Location January mean temperature
(mean).
        Descriptor: :environment:temperature:01-mean-
mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[5] => Array
    (
        Name: January mean temperature (maximum)
        Description: Location January mean temperature
(maximum).
        Descriptor: :environment:temperature:01-mean-
max
        Data type: :type:int
        Data format: Array
            (

```

```

                                [0] => :type:quantitative
                                )
                                )

[6] => Array
    (
        Name: January maximum temperature (minimum)
        Description: Location January maximum
temperature (minimum).
        Descriptor: :environment:temperature:01-max-min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[7] => Array
    (
        Name: January maximum temperature (mean)
        Description: Location January maximum
temperature (mean).
        Descriptor: :environment:temperature:01-max-
mean
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```
)  
  
[8] => Array  
  
(  
  
    Name: January maximum temperature (maximum)  
    Description: Location January maximum  
temperature (maximum).  
    Descriptor: :environment:temperature:01-max-max  
    Data type: :type:int  
    Data format: Array  
  
    (  
  
        [0] => :type:quantitative  
  
    )  
  
)
```

```
[9] => Array  
  
(  
  
    Name: February minimum temperature (minimum)  
    Description: Location February minimum  
temperature (minimum).  
    Descriptor: :environment:temperature:02-min-min  
    Data type: :type:int  
    Data format: Array  
  
    (  
  
        [0] => :type:quantitative  
  
    )  
  
)
```

```
[10] => Array
```



```
(
    Name: February minimum temperature (mean)
    Description: Location February minimum
temperature (mean).
    Descriptor: :environment:temperature:02-min-
mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
    [0] => :type:quantitative
)
```

```
)
```

```
[11] => Array
```

```
(
    Name: February minimum temperature (maximum)
    Description: Location February minimum
temperature (maximum).
    Descriptor: :environment:temperature:02-min-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
    [0] => :type:quantitative
)
```

```
)
```

```
[12] => Array
```

```
(
    Name: February mean temperature (minimum)
```

(minimum).
min
Description: Location February mean temperature
Descriptor: :environment:temperature:02-mean-
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

[13] => Array

(
Name: February mean temperature (mean)
Description: Location February mean temperature
(mean).
Descriptor: :environment:temperature:02-mean-
mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

[14] => Array

(
Name: February mean temperature (maximum)
Description: Location February mean temperature
(maximum).
)

```

max
Descriptor: :environment:temperature:02-mean-

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[15] => Array
(
    Name: February maximum temperature (minimum)
    Description: Location February maximum
temperature (minimum).
    Descriptor: :environment:temperature:02-max-min
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)

)

[16] => Array
(
    Name: February maximum temperature (mean)
    Description: Location February maximum
temperature (mean).
    Descriptor: :environment:temperature:02-max-
mean
    Data type: :type:int

```

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[17] => Array

```
(  
    Name: February maximum temperature (maximum)  
    Description: Location February maximum  
temperature (maximum).  
    Descriptor: :environment:temperature:02-max-max  
    Data type: :type:int  
    Data format: Array
```

```
(  
    [0] => :type:quantitative  
)
```

)

[18] => Array

```
(  
    Name: March minimum temperature (minimum)  
    Description: Location March minimum temperature  
(minimum).  
    Descriptor: :environment:temperature:03-min-min  
    Data type: :type:int  
    Data format: Array
```

```
(  
    [0] => :type:quantitative
```

```

    )
)
[19] => Array
(
    Name: March minimum temperature (mean)
    Description: Location March minimum temperature
(mean) .
    Descriptor: :environment:temperature:03-min-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
[20] => Array
(
    Name: March minimum temperature (maximum)
    Description: Location March minimum temperature
(maximum) .
    Descriptor: :environment:temperature:03-min-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```
[21] => Array
      (
        Name: March mean temperature (minimum)
        Description: Location March mean temperature
(minimum) .
        Descriptor: :environment:temperature:03-mean-
min
        Data type: :type:int
        Data format: Array
          (
            [0] => :type:quantitative
          )
        )
```

```
[22] => Array
      (
        Name: March mean temperature (mean)
        Description: Location March mean temperature
(mean) .
        Descriptor: :environment:temperature:03-mean-
mean
        Data type: :type:int
        Data format: Array
          (
            [0] => :type:quantitative
          )
        )
```

```
[23] => Array
```

```
(
    Name: March mean temperature (maximum)
    Description: Location March mean temperature
(maximum).
    Descriptor: :environment:temperature:03-mean-
max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
    [0] => :type:quantitative
)
```

```
)
```

```
[24] => Array
```

```
(
    Name: March maximum temperature (minimum)
    Description: Location March maximum temperature
(minimum).
    Descriptor: :environment:temperature:03-max-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
    [0] => :type:quantitative
)
```

```
)
```

```
[25] => Array
```

```
(
    Name: March maximum temperature (mean)
```

(mean).
mean
Description: Location March maximum temperature
Descriptor: :environment:temperature:03-max-
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

[26] => Array

(
Name: March maximum temperature (maximum)
Description: Location March maximum temperature
(maximum).
Descriptor: :environment:temperature:03-max-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

[27] => Array

(
Name: April minimum temperature (minimum)
Description: Location April minimum temperature
(minimum).
Descriptor: :environment:temperature:04-min-min

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[28] => Array

```
(  
    Name: April minimum temperature (mean)  
    Description: Location April minimum temperature  
    Descriptor: :environment:temperature:04-min-
```

(mean) .

mean

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[29] => Array

```
(  
    Name: April minimum temperature (maximum)  
    Description: Location April minimum temperature  
    Descriptor: :environment:temperature:04-min-max
```

(maximum) .

Data type: :type:int

Data format: Array

```

(
    [0] => :type:quantitative
)
)

[30] => Array
(
    Name: April mean temperature (minimum)
    Description: Location April mean temperature
(minimum).
    Descriptor: :environment:temperature:04-mean-
min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[31] => Array
(
    Name: April mean temperature (mean)
    Description: Location April mean temperature
(mean).
    Descriptor: :environment:temperature:04-mean-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative

```

```

)
)
[32] => Array
(
    Name: April mean temperature (maximum)
    Description: Location April mean temperature
(maximum).
    Descriptor: :environment:temperature:04-mean-
max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```

[33] => Array
(
    Name: April maximum temperature (minimum)
    Description: Location April maximum temperature
(minimum).
    Descriptor: :environment:temperature:04-max-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```
[34] => Array
      (
        Name: April maximum temperature (mean)
        Description: Location April maximum temperature
(mean) .
        Descriptor: :environment:temperature:04-max-
mean
        Data type: :type:int
        Data format: Array
          (
            [0] => :type:quantitative
          )
        )
      )
```

```
[35] => Array
      (
        Name: April maximum temperature (maximum)
        Description: Location April maximum temperature
(maximum) .
        Descriptor: :environment:temperature:04-max-max
        Data type: :type:int
        Data format: Array
          (
            [0] => :type:quantitative
          )
        )
      )
```

```
[36] => Array
      (
```

```
(minimum).  
  
Name: May minimum temperature (minimum)  
Description: Location May minimum temperature  
Descriptor: :environment:temperature:05-min-min  
Data type: :type:int  
Data format: Array  
  
(  
    [0] => :type:quantitative  
)
```

```
[37] => Array
```

```
(  
    Name: May minimum temperature (mean)  
    Description: Location May minimum temperature  
    Descriptor: :environment:temperature:05-min-  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
(mean).  
mean
```

```
[38] => Array
```

```
(  
    Name: May minimum temperature (maximum)  
    Description: Location May minimum temperature  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
(maximum).
```

Descriptor: :environment:temperature:05-min-max

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[39] => Array

```
(  
    Name: May mean temperature (minimum)  
    Description: Location May mean temperature  
    Descriptor: :environment:temperature:05-mean-  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

(minimum) .

min

[40] => Array

```
(  
    Name: May mean temperature (mean)  
    Description: Location May mean temperature  
    Descriptor: :environment:temperature:05-mean-  
    Data type: :type:int
```

(mean) .

mean

```

Data format: Array
    (
        [0] => :type:quantitative
    )
)

[41] => Array
    (
        Name: May mean temperature (maximum)
        Description: Location May mean temperature
(maximum).
        Descriptor: :environment:temperature:05-mean-
max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[42] => Array
    (
        Name: May maximum temperature (minimum)
        Description: Location May maximum temperature
(minimum).
        Descriptor: :environment:temperature:05-max-min
        Data type: :type:int
        Data format: Array
            (

```

```
                [0] => :type:quantitative
            )
        )
[43] => Array
(
    Name: May maximum temperature (mean)
    Description: Location May maximum temperature
(mean) .
    Descriptor: :environment:temperature:05-max-
mean
```

```
    Data type: :type:int
    Data format: Array
        (
            [0] => :type:quantitative
        )
    )
```

```
[44] => Array
(
    Name: May maximum temperature (maximum)
    Description: Location May maximum temperature
(maximum) .
    Descriptor: :environment:temperature:05-max-max
    Data type: :type:int
    Data format: Array
        (
            [0] => :type:quantitative
        )
    )
```



```
)  
  
[45] => Array  
  
(  
    Name: June minimum temperature (minimum)  
    Description: Location June minimum temperature  
(minimum).  
    Descriptor: :environment:temperature:06-min-min  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[46] => Array  
  
(  
    Name: June minimum temperature (mean)  
    Description: Location June minimum temperature  
(mean).  
    Descriptor: :environment:temperature:06-min-  
mean  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[47] => Array
```

```
(
    Name: June minimum temperature (maximum)
    Description: Location June minimum temperature
(maximum).
    Descriptor: :environment:temperature:06-min-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[48] => Array

```
(
    Name: June mean temperature (minimum)
    Description: Location June mean temperature
(minimum).
    Descriptor: :environment:temperature:06-mean-
min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[49] => Array

```
(
    Name: June mean temperature (mean)
```

```
(mean).
Description: Location June mean temperature

mean
Descriptor: :environment:temperature:06-mean-

Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[50] => Array
(
  Name: June mean temperature (maximum)
  Description: Location June mean temperature
(maximum).
Descriptor: :environment:temperature:06-mean-
max
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[51] => Array
(
  Name: June maximum temperature (minimum)
  Description: Location June maximum temperature
(minimum).
```

Descriptor: :environment:temperature:06-max-min

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[52] => Array

```
(  
    Name: June maximum temperature (mean)  
    Description: Location June maximum temperature  
(mean) .
```

mean

Descriptor: :environment:temperature:06-max-

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[53] => Array

```
(  
    Name: June maximum temperature (maximum)  
    Description: Location June maximum temperature  
(maximum) .
```

Descriptor: :environment:temperature:06-max-max

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[54] => Array

```
(  
    Name: July minimum temperature (minimum)  
    Description: Location July minimum temperature  
(minimum).  
    Descriptor: :environment:temperature:07-min-min  
    Data type: :type:int
```

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[55] => Array

```
(  
    Name: July minimum temperature (mean)  
    Description: Location July minimum temperature  
(mean).  
    Descriptor: :environment:temperature:07-min-  
mean  
    Data type: :type:int
```

Data format: Array

```
(
```

```

                                [0] => :type:quantitative
                                )
                                )
[56] => Array
    (
        Name: July minimum temperature (maximum)
        Description: Location July minimum temperature
(maximum).
        Descriptor: :environment:temperature:07-min-max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )
[57] => Array
    (
        Name: July mean temperature (minimum)
        Description: Location July mean temperature
(minimum).
        Descriptor: :environment:temperature:07-mean-
min
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```

    )
[58] => Array
    (
      Name: July mean temperature (mean)
      Description: Location July mean temperature
(mean) .
      Descriptor: :environment:temperature:07-mean-
mean
      Data type: :type:int
      Data format: Array
      (
        [0] => :type:quantitative
      )
    )

```

```

[59] => Array
    (
      Name: July mean temperature (maximum)
      Description: Location July mean temperature
(maximum) .
      Descriptor: :environment:temperature:07-mean-
max
      Data type: :type:int
      Data format: Array
      (
        [0] => :type:quantitative
      )
    )

```

```
[60] => Array
(
  Name: July maximum temperature (minimum)
  Description: Location July maximum temperature
(minimum) .
  Descriptor: :environment:temperature:07-max-min
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[61] => Array
(
  Name: July maximum temperature (mean)
  Description: Location July maximum temperature
(mean) .
mean
  Descriptor: :environment:temperature:07-max-
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[62] => Array
(
```


(maximum).
Name: July maximum temperature (maximum)
Description: Location July maximum temperature
Descriptor: :environment:temperature:07-max-max
Data type: :type:int
Data format: Array
(
 [0] => :type:quantitative
)
)

[63] => Array

(
 Name: August minimum temperature (minimum)
 Description: Location August minimum
temperature (minimum).
 Descriptor: :environment:temperature:08-min-min
 Data type: :type:int
 Data format: Array
 (
 [0] => :type:quantitative
)
)

[64] => Array

(
 Name: August minimum temperature (mean)
 Description: Location August minimum
temperature (mean).
)

```

mean
Descriptor: :environment:temperature:08-min-

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[65] => Array
(
    Name: August minimum temperature (maximum)
    Description: Location August minimum
temperature (maximum).
    Descriptor: :environment:temperature:08-min-max
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)

)

[66] => Array
(
    Name: August mean temperature (minimum)
    Description: Location August mean temperature
(minimum).
    Descriptor: :environment:temperature:08-mean-
min
    Data type: :type:int

```

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[67] => Array

```
(  
    Name: August mean temperature (mean)  
    Description: Location August mean temperature  
(mean).  
    Descriptor: :environment:temperature:08-mean-  
mean
```

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[68] => Array

```
(  
    Name: August mean temperature (maximum)  
    Description: Location August mean temperature  
(maximum).  
    Descriptor: :environment:temperature:08-mean-  
max
```

Data type: :type:int

Data format: Array

```
(
```

```

                                [0] => :type:quantitative
                                )
                                )

[69] => Array
    (
        Name: August maximum temperature (minimum)
        Description: Location August maximum
temperature (minimum).
        Descriptor: :environment:temperature:08-max-min
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

[70] => Array
    (
        Name: August maximum temperature (mean)
        Description: Location August maximum
temperature (mean).
        Descriptor: :environment:temperature:08-max-
mean
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

```

```
)  
  
[71] => Array  
  
(  
    Name: August maximum temperature (maximum)  
    Description: Location August maximum  
temperature (maximum).  
    Descriptor: :environment:temperature:08-max-max  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[72] => Array  
  
(  
    Name: September minimum temperature (minimum)  
    Description: Location September minimum  
temperature (minimum).  
    Descriptor: :environment:temperature:09-min-min  
    Data type: :type:int  
    Data format: Array  
    (  
        [0] => :type:quantitative  
    )  
)
```

```
[73] => Array
```

```
(
    Name: September minimum temperature (mean)
    Description: Location September minimum
temperature (mean).
    Descriptor: :environment:temperature:09-min-
mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
    [0] => :type:quantitative
)
```

```
)
```

```
[74] => Array
```

```
(
    Name: September minimum temperature (maximum)
    Description: Location September minimum
temperature (maximum).
    Descriptor: :environment:temperature:09-min-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(
    [0] => :type:quantitative
)
```

```
)
```

```
[75] => Array
```

```
(
    Name: September mean temperature (minimum)
```

```

                                Description: Location September mean
temperature (minimum).
                                Descriptor: :environment:temperature:09-mean-
min
                                Data type: :type:int
                                Data format: Array
                                (
                                    [0] => :type:quantitative
                                )
                                )

```

```
[76] => Array
```

```

                                Name: September mean temperature (mean)
                                Description: Location September mean
temperature (mean).
                                Descriptor: :environment:temperature:09-mean-
mean
                                Data type: :type:int
                                Data format: Array
                                (
                                    [0] => :type:quantitative
                                )
                                )

```

```
[77] => Array
```

```

                                Name: September mean temperature (maximum)
                                Description: Location September mean
temperature (maximum).

```

```

max
Descriptor: :environment:temperature:09-mean-

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[78] => Array
(
    Name: September maximum temperature (minimum)
    Description: Location September maximum
temperature (minimum).
    Descriptor: :environment:temperature:09-max-min
    Data type: :type:int
    Data format: Array
(
    [0] => :type:quantitative
)

)

[79] => Array
(
    Name: September maximum temperature (mean)
    Description: Location September maximum
temperature (mean).
    Descriptor: :environment:temperature:09-max-
mean
    Data type: :type:int

```


Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[80] => Array

```
(  
    Name: September maximum temperature (maximum)  
    Description: Location September maximum  
temperature (maximum).  
    Descriptor: :environment:temperature:09-max-max  
    Data type: :type:int  
    Data format: Array
```

```
(  
    [0] => :type:quantitative  
)
```

)

[81] => Array

```
(  
    Name: October minimum temperature (minimum)  
    Description: Location October minimum  
temperature (minimum).  
    Descriptor: :environment:temperature:10-min-min  
    Data type: :type:int  
    Data format: Array
```

```
(  
    [0] => :type:quantitative
```

```

)
)
[82] => Array
(
    Name: October minimum temperature (mean)
    Description: Location October minimum
temperature (mean).
    Descriptor: :environment:temperature:10-min-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```

[83] => Array
(
    Name: October minimum temperature (maximum)
    Description: Location October minimum
temperature (maximum).
    Descriptor: :environment:temperature:10-min-max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```
[84] => Array
      (
        Name: October mean temperature (minimum)
        Description: Location October mean temperature
(minimum) .
        Descriptor: :environment:temperature:10-mean-
min
        Data type: :type:int
        Data format: Array
          (
            [0] => :type:quantitative
          )
      )
```

```
[85] => Array
      (
        Name: October mean temperature (mean)
        Description: Location October mean temperature
(mean) .
        Descriptor: :environment:temperature:10-mean-
mean
        Data type: :type:int
        Data format: Array
          (
            [0] => :type:quantitative
          )
      )
```

```
[86] => Array
```

```
(
    Name: October mean temperature (maximum)
    Description: Location October mean temperature
(maximum).
    Descriptor: :environment:temperature:10-mean-
max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[87] => Array

```
(
    Name: October maximum temperature (minimum)
    Description: Location October maximum
temperature (minimum).
    Descriptor: :environment:temperature:10-max-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

[88] => Array

```
(
    Name: October maximum temperature (mean)
```

```
temperature (mean).
Description: Location October maximum
mean
Descriptor: :environment:temperature:10-max-
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[89] => Array
```

```
(
  Name: October maximum temperature (maximum)
  Description: Location October maximum
temperature (maximum).
Descriptor: :environment:temperature:10-max-max
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
```

```
[90] => Array
```

```
(
  Name: November minimum temperature (minimum)
  Description: Location November minimum
temperature (minimum).
Descriptor: :environment:temperature:11-min-min
```

```
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
```

```
[91] => Array
(
    Name: November minimum temperature (mean)
    Description: Location November minimum
temperature (mean).
    Descriptor: :environment:temperature:11-min-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
```

```
[92] => Array
(
    Name: November minimum temperature (maximum)
    Description: Location November minimum
temperature (maximum).
    Descriptor: :environment:temperature:11-min-max
    Data type: :type:int
    Data format: Array
```

```

(
    [0] => :type:quantitative
)
)

[93] => Array
(
    Name: November mean temperature (minimum)
    Description: Location November mean temperature
(minimum).
    Descriptor: :environment:temperature:11-mean-
min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[94] => Array
(
    Name: November mean temperature (mean)
    Description: Location November mean temperature
(mean).
    Descriptor: :environment:temperature:11-mean-
mean
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative

```

```

)
)
[95] => Array
(
    Name: November mean temperature (maximum)
    Description: Location November mean temperature
(maximum).
    Descriptor: :environment:temperature:11-mean-
max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
[96] => Array
(
    Name: November maximum temperature (minimum)
    Description: Location November maximum
temperature (minimum).
    Descriptor: :environment:temperature:11-max-min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```



```
[97] => Array
(
  Name: November maximum temperature (mean)
  Description: Location November maximum
temperature (mean).
  Descriptor: :environment:temperature:11-max-
mean
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[98] => Array
(
  Name: November maximum temperature (maximum)
  Description: Location November maximum
temperature (maximum).
  Descriptor: :environment:temperature:11-max-max
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
```

```
[99] => Array
(
```

```

Name: December minimum temperature (minimum)
Description: Location December minimum
temperature (minimum).
Descriptor: :environment:temperature:12-min-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

```

```
)
```

```
[100] => Array
```

```

(
    Name: December minimum temperature (mean)
Description: Location December minimum
temperature (mean).
Descriptor: :environment:temperature:12-min-
mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

```

```
)
```

```
[101] => Array
```

```

(
    Name: December minimum temperature (maximum)
Description: Location December minimum
temperature (maximum).

```

Descriptor: :environment:temperature:12-min-max

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[102] => Array

```
(  
    Name: December mean temperature (minimum)  
    Description: Location December mean temperature  
(minimum).  
    Descriptor: :environment:temperature:12-mean-
```

min

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[103] => Array

```
(  
    Name: December mean temperature (mean)  
    Description: Location December mean temperature  
(mean).  
    Descriptor: :environment:temperature:12-mean-
```

mean

Data type: :type:int

```

Data format: Array
    (
        [0] => :type:quantitative
    )
)

[104] => Array
    (
        Name: December mean temperature (maximum)
        Description: Location December mean temperature
(maximum).
        Descriptor: :environment:temperature:12-mean-
max
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[105] => Array
    (
        Name: December maximum temperature (minimum)
        Description: Location December maximum
temperature (minimum).
        Descriptor: :environment:temperature:12-max-min
        Data type: :type:int
        Data format: Array
            (

```

```

                                [0] => :type:quantitative
                                )
                                )
[106] => Array
    (
        Name: December maximum temperature (mean)
        Description: Location December maximum
temperature (mean).
        Descriptor: :environment:temperature:12-max-
mean
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

```

```

[107] => Array
    (
        Name: December maximum temperature (maximum)
        Description: Location December maximum
temperature (maximum).
        Descriptor: :environment:temperature:12-max-max
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )

```

```

    )
)

    )
[7] => Array
(

Name: Bioclimatic variables
Description: Bioclimatic values of location.
Descriptor: :environment:bio
Data type: :type:struct
[children] => Array
(
    [0] => Array
    (
        Name: Annual Mean Temperature
        Description: Annual mean temperature (C°).
        Descriptor: :environment:bio:01
        Data type: :type:int
        Data format: Array
        (
            [0] => :type:quantitative
        )
    )
)
    [1] => Array
    (
        Name: Mean Diurnal Range
        Description: Mean diurnal range: mean of
monthly (max temp - min temp) (C°).

```

```

Descriptor: :environment:bio:02

Data type: :type:int

Data format: Array

(
    [0] => :type:quantitative
)

)

[2] => Array

(
    Name: Isothermality
    Description: Isothermality ((Mean Diurnal Range
/ Temperature Annual Range) × 100).
    Descriptor: :environment:bio:03
    Data type: :type:int
    Data format: Array

(
    [0] => :type:quantitative
)

)

[3] => Array

(
    Name: Temperature Seasonality
    Description: Temperature seasonality (standard
deviation × 100).
    Descriptor: :environment:bio:04
    Data type: :type:int
    Data format: Array

```

```

(
    [0] => :type:quantitative
)
)

[4] => Array
(
    Name: Maximum Temperature of Warmest Month
    Description: Maximum temperature of warmest
month (C°).
    Descriptor: :environment:bio:05
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[5] => Array
(
    Name: Minimum Temperature of Coldest Month
    Description: Minimum temperature of coldest
month (C°).
    Descriptor: :environment:bio:06
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```


)

[6] => Array

(

Name: Temperature Annual Range

Description: Temperature annual range (Maximum Temperature of Warmest Month - Minimum Temperature of Coldest Month).

Descriptor: :environment:bio:07

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[7] => Array

(

Name: Mean Temperature of Wettest Quarter

Description: Mean temperature of wettest quarter (C°).

Descriptor: :environment:bio:08

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[8] => Array

(
Name: Mean Temperature of Driest Quarter
Description: Mean temperature of driest quarter
(C°).
Descriptor: :environment:bio:09
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

[9] => Array

(
Name: Mean Temperature of Warmest Quarter
Description: Mean temperature of warmest
quarter (C°).
Descriptor: :environment:bio:10
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)

[10] => Array

(
Name: Mean Temperature of Coldest Quarter

quarter (C°).

Description: Mean temperature of coldest

Descriptor: :environment:bio:11

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[11] => Array

(

Name: Annual Precipitation

Descriptor: :environment:bio:12

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[12] => Array

(

Name: Precipitation of Wettest Month

Descriptor: :environment:bio:13

Data type: :type:int

Data format: Array

(

```

                                [0] => :type:quantitative
                                )
                                )

[13] => Array
    (
        Name: Precipitation of Driest Month
        Descriptor: :environment:bio:14
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[14] => Array
    (
        Name: Precipitation Seasonality
        Description: Precipitation seasonality
        (Coefficient of Variation).
        Descriptor: :environment:bio:15
        Data type: :type:float
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```
[15] => Array
  (
    Name: Precipitation of Wettest Quarter
    Descriptor: :environment:bio:16
    Data type: :type:int
    Data format: Array
      (
        [0] => :type:quantitative
      )
    )
```

```
[16] => Array
  (
    Name: Precipitation of Driest Quarter
    Descriptor: :environment:bio:17
    Data type: :type:int
    Data format: Array
      (
        [0] => :type:quantitative
      )
    )
```

```
[17] => Array
  (
    Name: Precipitation of Warmest Quarter
    Descriptor: :environment:bio:18
    Data type: :type:int
    Data format: Array
```

```

(
    [0] => :type:quantitative
)
)

[18] => Array
(
    Name: Precipitation of Coldest Quarter
    Descriptor: :environment:bio:19
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

)

)

[8] => Array
(
    Name: Source of environmental data
    Description: Information and reference to the source of the
environmental data.
    Descriptor: :environment:source
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03

```

)

)

[9] => Array
(

Name: Environment tiles

Description: Number of tiles used in environmental data.

Descriptor: :environment:tiles

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[10] => Array
(

Name: Environment minimum elevation

Description: Minimum elevation of environmental data in meters above sea level.

Descriptor: :environment:elevation-min

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[11] => Array
(

Name: Environment mean elevation

Description: Mean elevation of environmental data in meters above sea level.

Descriptor: :environment:elevation-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[12] => Array  
(
```

Name: Environment maximum elevation

Description: Maximum elevation of environmental data in meters above sea level.

Descriptor: :environment:elevation-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[13] => Array  
(
```

Name: Environment minimum distance

Description: Minimum distance of environmental data in meters.

Descriptor: :environment:distance-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```



```

)
[14] => Array
(
Name: Environment mean distance
Description: Mean distance of environmental data in meters.
Descriptor: :environment:distance-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)

```

```

)
[15] => Array
(
Name: Environment maximum distance
Description: Maximum distance of environmental data in meters.
Descriptor: :environment:distance-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)

```

```

)
[16] => Array
(
Name: Global Human Footprint
Description: The Global Human Footprint provides an updated map
of anthropogenic impacts on the environment in geographic projection
which can be used in wildlife conservation planning, natural resource
management, and research on human-environment interactions.
Descriptor: :environment:ghf

```

```

Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
    [1] => :type:list
)
)
)
)
[2] => Array
(
    Name: Accession number
    Description: This code
serves as a unique identifier for accessions within a genebank
collection, and is assigned when a sample is entered into the
genebank collection.
    Descriptor: mcpd:ACCENUMB
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
:type:discrete
:type:full-text-10
[3] => Array
(
    Name: Accession URL
    Description: URL linking
to additional data about the accession either in the holding genebank
or from another source.
    Descriptor: mcpd:ACCEURL
    Data type: :type:url
    Data format: Array
    (
        [0] =>
    )
)
:type:discrete
[4] => Array
(

```

Name: MLS Status
 Description: The coded status of an accession with regards to the Multilateral System (MLS) of the International Treaty on Plant Genetic Resources for Food and Agriculture. Provides the information, whether the accession is included in the MLS.

Descriptor: mcpd:MLSSTAT
 Data type: :type:enum
 Data format: Array

:type:categorical

:type:full-text-03

:type:summary

```
(
  [0] =>
  [1] =>
  [2] =>
)
```

)

[5] => Array

recording date

which the population was recorded in the current in situ Inventory.
 Descriptor:

cwr:population:RECDATE

Name: CWR population

Description: Date on

Descriptor:

Data type: :type:date

Data format: Array

:type:quantitative

```
(
  [0] =>
)
```

)

[6] => Array

number

progressive number which identifies the population in the Inventory.
 Descriptor:

cwr:population:NUMB

Name: CWR population

Description: Unique

Descriptor:

Data type: :type:int

Data format: Array

:type:discrete

```
(
  [0] =>
)
```

)

[7] => Array

(

```

monitoring
monitoring of the population is foreseen across years.
cwr:population:MONIT
Name: CWR population
Description: Whether any
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
)
)
)
[8] => Array
(
    Name: Monitoring
    Description: Who is in
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
)
author/compiler
charge of the monitoring.
cwr:population:MONITRESP
Name: Monitoring
Description: Who is in
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
)
[9] => Array
(
    Name: Monitoring interval
    Description: Monitoring
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
)
interval in years.
cwr:population:MONINT
Name: Monitoring interval
Description: Monitoring
Descriptor:
Data type: :type:int
Data format: Array
(
    [0] =>
)
)
)
:type:discrete
:type:full-text-03
)
)
)
[10] => Array
(
    Name: CWR Population area

```

```

Description: Approximate
area occupied by the population in square km.
Descriptor:
cwr:population:AREA
Data type: :type:int
Data format: Array
(
    [0] =>
)
)
)
[11] => Array
(
    Name: Total number of
    individuals in the population
    Descriptor:
    cwr:population:INDIVNUMB
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
)
[12] => Array
(
    Name: Total number of
    mature individuals in the population
    Description: Total number
    of individuals know, estimated or inferred to be capable of
    reproduction.
    Descriptor:
    cwr:population:MATURENUMB
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
)
[13] => Array
(
    Name: Total number of
    juvenile individuals in the population
    Description: Total number
    of individuals known, estimated or inferred, not yet capable of
    reproduction.
    Descriptor:
    cwr:population:JUVENNUMB
    Data type: :type:int

```

```

Data format: Array
(
    [0] =>
:type:quantitative
)
)
[14] => Array
(
    Name: Presence or absence
of seedlings of the taxon in the population
Descriptor:
cwr:population:SEEDLINGSTATUS
Data type: :type:enum
Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[15] => Array
(
    Name: Population density
Description: Estimation
of the number of individuals per unit area.
Descriptor:
cwr:population:POPDENSI
Data type: :type:int
Data format: Array
(
    [0] =>
:type:quantitative
)
)
[16] => Array
(
    Name: Proportion or
ranking of foliage cover
Description: Estimation
of the proportion of ground occupied by the perpendicular projection
on the ground of the aerial parts of the population, as a percentage
(%).
Descriptor:
cwr:population:RANKFOLCOVER
Data type: :type:int
Data format: Array
(

```

```

:~type:quantitative
[0] =>
)
)
[17] => Array
(
Name: Ranking scale
Description: Name of the
scale used, e.g. Domin, Braun-Blanquet.
Descriptor:
cwr:population:RAKSCALE
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[18] => Array
(
Name: Safety duplication
ex situ
Description: Whether
sample was collected for safety duplication in genebank.
Descriptor:
cwr:population:EXSECURE
Data type: :~type:enum
Data format: Array
(
[0] =>
[1] =>
)
)
[19] => Array
(
Name: Safety duplicate
institute name
Descriptor:
cwr:population:INSTNAMEDESCR
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
)
)
:~type:discrete
:~type:full-text-03

```

```

)
)
[20] => Array
(
    Name: Safety duplicate
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
)
[21] => Array
(
    Name: Elevation
    Description: This
attribute holds the location elevation in meters, positive values
indicate above the sea level and negative values indicate below sea
level. For areas, this attribute should hold the mean elevation.
    Descriptor:
:location:site:elevation
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
)
[22] => Array
(
    Name: Minimum elevation
    Description: This
attribute holds the location minimum elevation in meters, positive
values indicate above the sea level and negative values indicate
below sea level.
    Descriptor:
:location:site:elevation:min
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
)

```



```

[23] => Array
(
    Name: Maximum elevation
    Description: This
attribute holds the location maximum elevation in meters, positive
values indicate above the sea level and negative values indicate
below sea level.
    Descriptor:
:location:site:elevation:max
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
:type:quantitative

```

```

[24] => Array
(
    Name: Elevation
uncertainty
    Description: This
attribute holds the location elevation uncertainty in meters,
positive values indicate above the sea level and negative values
indicate below sea level.
    Descriptor:
:location:site:elevation:error
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
:type:quantitative

```

```

[25] => Array
(
    Name: Datum
    Description: Datum of the
projection used to obtain the coordinates. If not provided 'WGS
1984' will be used. A horizontal geodetic datum based on an ellipsoid
that has its origin at the earth's center of mass. Examples are the
World Geodetic System of 1984, the North American Datum of 1983, and
the Geodetic Datum of Australia of 1994. The first uses the WGS84
ellipsoid; the latter two use the GRS80 ellipsoid.
    Descriptor:
:location:site:datum
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
    )
)
:type:categorical

```

```

:~type:full-text-03
:~type:summary
)
)
[26] => Array
(
  Name: Decimal latitude
  Description: This
  Descriptor:
  Data type: :~type:float
  Data format: Array
  (
    [0] =>
  )
)
attribute holds the location latitude in decimal degrees.
:~location:site:latitude
:~type:quantitative
)
[27] => Array
(
  Name: Provided latitude
  Description: This
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
  )
)
attribute holds the location latitude as it was provided.
:~location:site:latitude:provided
:~type:discrete
)
[28] => Array
(
  Name: Degrees of latitude
  Description: This
  Descriptor:
  Data type: :~type:int
  Data format: Array
  (
    [0] =>
  )
)
attribute holds the location latitude degrees.
:~location:site:latitude:deg
:~type:quantitative
)
)

```

```

[29] => Array
(
    Name: Minutes of latitude
    Description: This
attribute holds the location latitude minutes.
    Descriptor:
:location:site:latitude:min

    Data type: :type:float
    Data format: Array
    (
        [0] =>
    )
)

[30] => Array
(
    Name: Seconds of latitude
    Description: This
attribute holds the location latitude seconds.
    Descriptor:
:location:site:latitude:sec

    Data type: :type:float
    Data format: Array
    (
        [0] =>
    )
)

[31] => Array
(
    Name: Latitude hemisphere
    Description: This
attribute holds the location latitude hemisphere, accepted values are
N for North and S for South.
    Descriptor:
:location:site:latitude:hem

    Data type: :type:string
    Data format: Array
    (
        [0] =>
    )
)

[32] => Array
(
    Name: Latitude
uncertainty
    Description: This
attribute holds the location latitude uncertainty in meters.

```



```

)
)
[36] => Array
(
    Name: Minutes of
longitude
    Description: This
attribute holds the location longitude minutes.
    Descriptor:
:location:site:longitude:min
    Data type: :type:float
    Data format: Array
        (
            [0] =>
:~type:discrete
        )
    )
[37] => Array
(
    Name: Seconds of
longitude
    Description: This
attribute holds the location longitude seconds.
    Descriptor:
:location:site:longitude:sec
    Data type: :type:float
    Data format: Array
        (
            [0] =>
:~type:discrete
        )
    )
[38] => Array
(
    Name: Longitude
hemisphere
    Description: This
attribute holds the location longitude hemisphere, accepted values
are E for East and W for West.
    Descriptor:
:location:site:longitude:hem
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:categorical
        )
    )
)

```

```

[39] => Array
(
    Name: Longitude
uncertainty
    Description: This
attribute holds the location longitude uncertainty in meters.
    Descriptor:
:location:site:longitude:error
    Data type: :type:int
    Data format: Array
        (
            [0] =>
:~type:quantitative
        )
    )
[40] => Array
(
    Name: Maximum error
distance
    Descriptor:
:location:site:error
    Data type: :type:int
    Data format: Array
        (
            [0] =>
:~type:quantitative
        )
    )
[41] => Array
(
    Name: Coordinates
restricted
    Description: This
attribute indicates whether the coordinates may or may not be
published.
    Descriptor:
:location:site:coordinates-restricted
    Data type: :type:boolean
    Data format: Array
        (
            [0] =>
:~type:discrete
        )
    )
[42] => Array
(
    Name: Nearest named place
nearest place to site. This also refers to places that may not have
proper names (i.e. road junctions).
    Description: Name of

```

```

:location:near-place
:location:near-place
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[43] => Array
(
    Name: Distance from
    Description: Distance
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
nearest named place
from nearest named place to site in meters.
:location:near-dist
:location:near-dist
Data type: :type:int
Data format: Array
(
    [0] =>
)
)
:location:near-dist
:location:near-dist
[44] => Array
(
    Name: Direction from
    Description: Direction of
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
nearest named place
site from nearest named place in degrees relative to North.
:location:near-dir
:location:near-dir
Data type: :type:int
Data format: Array
(
    [0] =>
)
)
:location:near-dir
:location:near-dir
[45] => Array
(
    Name: Continent
    Description: This
    Descriptor:
    Data type: :type:enum
attribute holds the enumerated value describing the location
continent.
:location:continent
:location:continent
Data type: :type:enum

```

```

Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[46] => Array
(
    Name: Country
    Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
    Descriptor:
:type:enum
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[47] => Array
(
    Name: Administrative unit
    Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
    Descriptor:
:type:enum
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[48] => Array

```



```

(
  Name: Georeference date
  Descriptor:
:location:site:georeference-date
  Data type: :type:date
  Data format: Array
    (
      [0] =>
:~type:quantitative
    )
)
[49] => Array
(
  Name: Georeference
  Descriptor:
contact
:location:site:georeference-contact
  Data type: :type:string
  Data format: Array
    (
      [0] =>
      [1] =>
:~type:discrete
:~type:full-text-03
    )
)
[50] => Array
(
  Name: Georeference source
  Descriptor:
:location:site:georeference-source
  Data type: :type:string
  Data format: Array
    (
      [0] =>
      [1] =>
:~type:discrete
:~type:full-text-03
    )
)
[51] => Array
(
  Name: Georeferencing
  Descriptor:
method
:location:site:georeference-method
  Data type: :type:enum
  Data format: Array
    (

```

```

[0] =>
:type:categorical
[1] =>
:type:full-text-03
[2] =>
:type:summary
)
)
[52] => Array
(
Name: Georeference tool
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[53] => Array
(
Name: Georeference
Description: This
attribute holds the location georeference latitude in decimal
degrees.
Descriptor:
Data type: :type:float
Data format: Array
(
[0] =>
)
)
[54] => Array
(
Name: Georeference
Description: This
attribute holds the location georeference longitude in decimal
degrees.
Descriptor:
Data type: :type:float
Data format: Array
(

```

:location:site:georeference-tool
:location:site:georeference-latitude
:location:site:georeference-longitude

```

:~type:quantitative
[0] =>
)
)
[55] => Array
(
Name: Georeference error
Descriptor:
:~location:site:georeference-error
Data type: :~type:int
Data format: Array
(
[0] =>
)
)
[56] => Array
(
Name: Georeference
Descriptor:
original coordinate
:~location:site:georeference-old
Data type: :~type:string
Data format: Array
(
[0] =>
)
)
:~type:discrete
[57] => Array
(
Name: Georeference notes
Descriptor:
:~location:site:georeference-notes
Data type: :~type:text
Data format: Array
(
[0] =>
[1] =>
)
)
:~type:discrete
:~type:full-text-03
[58] => Array
(
Name: Habitat type
Descriptor: iucn:habitat
Data type: :~type:enum-set

```

```

Data format: Array
(
  [0] =>
:type:categorycal
:type:full-text-03
:type:summary
)
)
[59] => Array
(
  Name: Habitat type
  Descriptor: iucn:habitat-
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
:type:categorycal
:type:full-text-03
:type:summary
    [1] =>
    [2] =>
  )
)
[60] => Array
(
  Name: Habitat type
  Descriptor: eec:EUNIS
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
:type:categorycal
:type:full-text-03
:type:summary
    [1] =>
    [2] =>
  )
)
[61] => Array
(
  Name: National habitat
  Descriptor:
  Data type: :type:string
  Data format: Array
  unit code
  :location:site:unit-code

```

```

: type: discrete
: type: full-text-03
(
  [0] =>
  [1] =>
)
)
[62] => Array
(
  Name: National habitat
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
unit description
: location: site: unit-descr
: type: discrete
: type: full-text-03
[63] => Array
(
  Name: National habitat
  Description: Authority
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
unit authority file
file to which the habitat refers.
: location: site: unit-file
: type: discrete
: type: full-text-03
[64] => Array
(
  Name: National habitat
  Description: Version of
  Descriptor:
  Data type: :type:string
  Data format: Array
  (

```

```

:location:site:position
:location:site:slope
:location:site:slope:aspect
:location:site:slope:aspect

Name: Land element and
Description: Description
of the geomorphology of the immediate surroundings of the collecting
site (adapted from FAO, 1990).
Descriptor:
Data type: :type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)

Name: Land slope
Description: Estimated
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)

Name: Land slope aspect
Description: The
direction that the slope faces, with symbols N, S, E, W (e.g. a slope
that faces a south-western direction has an aspect of SW).
Descriptor:
Data type: :type:string
Data format: Array

```

```
(
    [0] =>
:type:ategorical
)
)
[68] => Array
(
    Name: Site identifier
    Description: This
attribute holds the unique identifier of the site.
    Descriptor:
:type:discrete
:type:full-text-06
    Data type: :type:string
    Data format: Array
(
    [0] =>
    [1] =>
)
)
[69] => Array
(
    Name: Site notes
    Descriptor:
:type:discrete
:type:full-text-03
    Data type: :type:text
    Data format: Array
(
    [0] =>
    [1] =>
)
)
[70] => Array
(
    Name: Site legislation
    Descriptor:
:type:ategorical
:type:full-text-03
:type:summary
    Data type: :type:enum
    Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
```

```

)
[71] => Array
(
Name: Site ownership
Descriptor:

:location:site:ownership

Data type: :type:enum
Data format: Array
(
[0] =>
:~type:~categorical
[1] =>
:~type:~full-text-03
[2] =>
:~type:~summary
)
)

[72] => Array
(
Name: Site monitoring
Description: Whether any
monitoring of the site is foreseen across years.
Descriptor:

:location:site:monitored

Data type: :type:enum
Data format: Array
(
[0] =>
:~type:~categorical
[1] =>
:~type:~summary
)
)

[73] => Array
(
Name: Monitoring
author/compiler
Description: Name of
person or entity in charge of the monitoring.
Descriptor:

:location:site:monitor

Data type: :type:string
Data format: Array
(
[0] =>
:~type:~discrete
[1] =>
:~type:~full-text-03
)
)

```



```

)
[74] => Array
(
    Name: Monitoring interval
    Description: Monitoring

interval in years.

:location:site:monitor:interval

Descriptor:

Data type: :type:int
Data format: Array
(
    [0] =>

:type:quantitative
)
)

[75] => Array
(
    Name: Region
    Description: This

attribute holds the region name.

:location:region

Descriptor:

Data type: :type:string
Data format: Array
(
    [0] =>

:type:discrete
    [1] =>

:type:full-text-06
)
)

[76] => Array
(
    Name: Primary

administrative unit

    Description: This

attribute holds the name of the primary administrative unit below the
country.

Descriptor:

:location:admin-1

Data type: :type:string
Data format: Array
(
    [0] =>

:type:categorical
    [1] =>

:type:full-text-06
    [2] =>

:type:summary
)
)

```

```

)
[77] => Array
(
    Name: Secondary
administrative unit
    Description: This
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
    Descriptor:
:location:admin-2
    Data type: :type:string
Data format: Array
(
    [0] =>
:~type:~categorical
    [1] =>
:~type:~full-text-06
    [2] =>
:~type:~summary
)
)
[78] => Array
(
    Name: Lowest
administrative unit
    Description: This
attribute holds the name of the lowest administrative unit, or local
name of the location.
    Descriptor:
:location:admin-3
    Data type: :type:string
Data format: Array
(
    [0] =>
:~type:~categorical
    [1] =>
:~type:~full-text-06
)
)
[79] => Array
(
    Name: Locality
    Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
    Descriptor:
:location:locality
    Data type: :type:string
Data format: Array
(

```



```

:~type:full-text-03
:~type:summary
)
)
[83] => Array
(
Name: Soil moisture
Description: Moisture
Descriptor:
Data type: :~type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
conditions prevailing in the soil.
:~location:site:moisture
:~type:~categorical
:~type:full-text-03
:~type:summary
)
)
[84] => Array
(
Name: Soil Ph.
Descriptor:
Data type: :~type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:~location:site:ph
:~type:~categorical
:~type:full-text-03
:~type:summary
)
)
[85] => Array
(
Name: Soil acidity value
Description: Actual
Descriptor:
Data type: :~type:float
Data format: Array
(
measurement of soil acidity at related depth.
:~location:site:ph:value
)
)

```

```

:~type:quantitative
[0] =>
)
)
[86] => Array
(
Name: Ph. measurement
Description: Depth in
depth
centimetres at which soil acidity condition was recorded.
Descriptor:
:~location:~site:~ph:~depth
Data type: :~type:int
Data format: Array
(
[0] =>
:~type:quantitative
)
)
[87] => Array
(
Name: Soil salinity
Descriptor:
:~location:~site:~salt
Data type: :~type:enum
Data format: Array
(
[0] =>
:~type:categorical
[1] =>
:~type:full-text-03
[2] =>
:~type:summary
)
)
[88] => Array
(
Name: Soil acidity value
Description: Actual
measurement of soil salinity in ppm at related depth.
Descriptor:
:~location:~site:~salt:~value
Data type: :~type:float
Data format: Array
(
[0] =>
:~type:quantitative
)
)
)

```

```

[89] => Array
(
  Name: Salinity
  Description: Depth in
  measurement depth
  centimetres at which soil salinity condition was recorded.
  Descriptor:
  :location:site:salt:depth
  Data type: :type:int
  Data format: Array
  (
    [0] =>
  )
)
)

[90] => Array
(
  Name: Land use (FAO)
  Descriptor: fao:landuse
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
)

[91] => Array
(
  Name: Land use (CORINE)
  Descriptor: eec:CORINE
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
)
)
)

```

```

[9] => Array
  (
    Name: Taxon distribution
    Descriptor: :taxon:distribution
    Data type: :type:struct
    Data format: Array
      (
        [0] => :type:list
      )
    [children] => Array
      (
        [0] => Array
          (
            Name: Occurrence status
            Descriptor:
              :taxon:occurrence-status
              :type:categorical
              :type:full-text-06
              :type:summary
            Data type: :type:enum-set
            Data format: Array
              (
                [0] =>
                [1] =>
                [2] =>
              )
          )
        [1] => Array
          (
            Name: Occurrence notes
            Description: Notes on
              taxon occurrence or status.
            Descriptor:
              :taxon:occurrence-notes
            Data type: :type:text
            Data format: Array
              (
                [0] =>
                [1] =>
              )
          )
        [2] => Array
          (
            Name: Distribution notes
            Description: Notes on
              taxon geographic distribution.
            Descriptor:
              :taxon:distribution:notes
            Data type: :type:text

```

```

Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-03
)
)
[3] => Array
(
    Name: Economic Value of
the Related Crop
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:list
        [2] =>
:type:full-text-03
    )
)
[4] => Array
(
    Name: Economic value
ranking in country
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-03
    )
)
[5] => Array
(
    Name: Economic Value of
the Related Crop reference
    Description: Citation of
reference source for the economic value of the related crop or any
bibliographic references related to the publication of the economic
value, the format should include the author, date, title, journal,
volume and page number or the DOI number.
)

```



```

:taxon:ecovalue-ref
:type:discrete
:type:list

Descriptor:
Data type: :type:text
Data format: Array
(
    [0] =>
    [1] =>
)

[6] => Array
(
    Name: Continent
    Description: This
attribute holds the enumerated value describing the location
continent.
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)

:location:continent
:type:categoryal
:type:full-text-06
:type:summary

[7] => Array
(
    Name: Country
    Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)

:location:country
:type:categoryal
:type:full-text-06
:type:summary

[8] => Array

```

```

(
    Name: Administrative unit
    Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
    Descriptor:
:location:admin
    Data type: :type:enum
    Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
            [2] =>
:~type:~summary
        )
    )
[9] => Array
(
    Name: Region
    Description: This
attribute holds the region name.
    Descriptor:
:location:region
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:~discrete
            [1] =>
:~type:~full-text-06
        )
    )
[10] => Array
(
    Name: Primary
administrative unit
    Description: This
attribute holds the name of the primary administrative unit below the
country.
    Descriptor:
:location:admin-1
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
        )
    )

```

```

[2] =>
:type:summary
)
)
[11] => Array
(
    Name: Secondary
    Description: This
administrative unit
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
[12] => Array
(
    Name: Lowest
    Description: This
administrative unit
attribute holds the name of the lowest administrative unit, or local
name of the location.
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[13] => Array
(
    Name: Locality
    Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.

```



```

Data format: Array
  (
    [0] =>
: type: categorical
    [1] =>
: type: summary
  )
)
[2] => Array
  (
    Name: Legislation types
    Description: Type of
legislation in which the taxon is included.
    Descriptor:
: taxon: conservation: legislation
    Data type: : type: enum-set
    Data format: Array
      (
        [0] =>
: type: categorical
        [1] =>
: type: full-text-03
        [2] =>
: type: summary
      )
    )
[3] => Array
  (
    Name: Continent
    Description: This
attribute holds the enumerated value describing the location
continent.
    Descriptor:
: location: continent
    Data type: : type: enum
    Data format: Array
      (
        [0] =>
: type: categorical
        [1] =>
: type: full-text-06
        [2] =>
: type: summary
      )
    )
[4] => Array
  (
    Name: Country

```

Description: This attribute holds the enumerated value describing the location country. For historical reasons legacy countries are included.

Descriptor:

:location:country

Data type: :type:enum

Data format: Array

([0] =>

:type:categorical

[1] =>

:type:full-text-06

[2] =>

:type:summary

)

)

[5] => Array

(

Name: Administrative unit

Description: This

attribute holds the enumerated value describing the administrative unit of the location, the code can describe either a continent, country or country subdivision.

Descriptor:

:location:admin

Data type: :type:enum

Data format: Array

([0] =>

:type:categorical

[1] =>

:type:full-text-06

[2] =>

:type:summary

)

)

[6] => Array

(

Name: Region

Description: This

attribute holds the region name.

Descriptor:

:location:region

Data type: :type:string

Data format: Array

([0] =>

:type:discrete

[1] =>

:type:full-text-06

)

```

)
[7] => Array
(
    Name: Primary
administrative unit
    Description: This
attribute holds the name of the primary administrative unit below the
country.
    Descriptor:
:location:admin-1
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)
[8] => Array
(
    Name: Secondary
administrative unit
    Description: This
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
    Descriptor:
:location:admin-2
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)
[9] => Array
(
    Name: Lowest
administrative unit
    Description: This
attribute holds the name of the lowest administrative unit, or local
name of the location.
    Descriptor:
:location:admin-3
    Data type: :type:string

```

```

Data format: Array
(
    [0] =>
    [1] =>
)
)
)
[10] => Array
(
    Name: Locality
    Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
    Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
)
)
[11] => Array
(
    Name: Threats
    Description: Taxon threatened status.
    Descriptor: :taxon:threat
    Data type: :type:struct
    Data format: Array
    (
        [0] => :type:list
    )
    [children] => Array
    (
        [0] => Array
        (
            Name: Red list category
            Descriptor: iucn:category
            Data type: :type:enum-set
            Data format: Array
            (
                [0] =>

```

:type:categorical

:type:full-text-06

:type:discrete

:type:full-text-06

:location:locality

:type:categorical


```

:~type:full-text-03
:~type:summary
)
)
[1] => Array
(
  Name: Red list criteria
  Descriptor: iucn:criteria
  Data type: :~type:enum-set
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:~categorical
:~type:full-text-03
:~type:summary
)
[2] => Array
(
  Name: Red list criteria
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
citation
iucn:criteria-citation
:~type:~categorical
:~type:full-text-03
)
[3] => Array
(
  Name: Threats
  Descriptor: iucn:threat
  Data type: :~type:enum-set
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
Classification Scheme
:~type:~categorical
:~type:full-text-03
:~type:summary

```

```

)
)
[4] => Array
(
    Name: NatureServe threat
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
)
[5] => Array
(
    Name: Occurrence status
    Descriptor:
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
)
[6] => Array
(
    Name: Red list assessment
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
)
)

```

status code
natserve:threat:code
:type:categorical
:type:full-text-03

:taxon:occurrence-status
:type:categorical
:type:full-text-06
:type:summary

level
:taxon:threat:assessment
:type:categorical
:type:full-text-03
:type:summary

```

)
[7] => Array
(
    Name: Other Red List
categories and criteria
    Description: Red List
category, criteria and subcriteria that apply to the taxon as a
result of the Red listing process using the alternative system, if
the taxon has not been assessed using the IUCN Red List Categories
and Criteria Version 3.1.
    Descriptor:
:taxon:threat:other-red-list-criteria
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:discrete
        [1] =>
:~type:full-text-03
    )
)
[8] => Array
(
    Name: Year of IUCN Red
List assessment
    Description: Year in
which Red List assessment was carried out [YYYY].
    Descriptor:
:taxon:threat:assessment:year
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:~type:quantitative
    )
)
[9] => Array
(
    Name: URL publication
details of Red List assessment
    Description: URL linking
to the additional Red List assessment publication details.
    Descriptor:
:taxon:threat:assessment:url
    Data type: :type:url
    Data format: Array
    (
        [0] =>
:~type:discrete
    )
)

```

```

)
[10] => Array
(
    Name: References details
of Red List assessment
    Description: Any
bibliographic references related to the publication of the checklist,
the format should include the author, date, title, journal, volume
and page number or the DOI number.
    Descriptor:
:taxon:threat:assessment:ref
    Data type: :type:string
    Data format: Array
(
    [0] =>
:taxon:threat:assessment:ref
    [1] =>
:taxon:threat:assessment:ref
)
)
[11] => Array
(
    Name: Threaten status
according to national criteria
    Description: Threat
status according to national criteria.
    Descriptor:
:taxon:threat:national
    Data type: :type:string
    Data format: Array
(
    [0] =>
:taxon:threat:national
    [1] =>
:taxon:threat:national
)
)
[12] => Array
(
    Name: National unit code
:taxon:threat:national:ucode
    Descriptor:
    Data type: :type:string
    Data format: Array
(
    [0] =>
:taxon:threat:national:ucode
    [1] =>
:taxon:threat:national:ucode
)
)

```

```

)
[13] => Array
(
  Name: National unit
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
description
:taxon:threat:national:udescr
:type:discrete
:type:full-text-03

[14] => Array
(
  Name: National unit
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
authority
:taxon:threat:national:uauth
:type:discrete
:type:full-text-03

[15] => Array
(
  Name: Year of national
  Descriptor:
  Data type: :type:year
  Data format: Array
  (
    [0] =>
  )
)
red list assessment
:taxon:threat:national:year
:type:quantitative

[16] => Array
(
  Name: Period of
  occurrence of threat

```

```

:taxon:threat:period
Descriptor:
Data type: :type:enum-set
Data format: Array
(
    [0] =>
:taxon:threat:period
:type:summary
    [1] =>
:taxon:threat:period
:type:summary
    [2] =>
:taxon:threat:period
:type:summary
)
)
[17] => Array
(
    Name: Continent
    Description: This
attribute holds the enumerated value describing the location
continent.
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
:location:continent
:type:summary
    [1] =>
:location:continent
:type:summary
    [2] =>
:location:continent
:type:summary
)
)
[18] => Array
(
    Name: Country
    Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
:location:continent
:type:summary
    [1] =>
:location:continent
:type:summary
    [2] =>
:location:continent
:type:summary
)
)
)

```

```

[19] => Array
(
    Name: Administrative unit
    Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
    Descriptor:
:location:admin
    Data type: :type:enum
    Data format: Array
(
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)

[20] => Array
(
    Name: Region
    Description: This
attribute holds the region name.
    Descriptor:
:location:region
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:~discrete
        [1] =>
:~type:~full-text-06
    )
)

[21] => Array
(
    Name: Primary
    Description: This
administrative unit
attribute holds the name of the primary administrative unit below the
country.
    Descriptor:
:location:admin-1
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:~categorical
    )
)

```

```

[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)
[22] => Array
(
    Name: Secondary
administrative unit
    Description: This
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
    Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[23] => Array
(
    Name: Lowest
administrative unit
    Description: This
attribute holds the name of the lowest administrative unit, or local
name of the location.
    Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-06
)
)
[24] => Array
(
    Name: Locality
    Description: This
attribute holds the description or name of the location, this might

```


include the distance in kilometres and direction from the nearest town, village or map grid reference point.

```
Descriptor:
:location:locality
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
)
)
)
)
[12] => Array
(
  Name: Crossability
  Description: Crossability attributes.
  Descriptor: :taxon:cross
  Data type: :type:struct
  Data format: Array
  (
    [0] => :type:list
  )
  [children] => Array
  (
    [0] => Array
      (
        Name: List of species
        Descriptor:
        Data type: :type:string
        Data format: Array
        (
          [0] =>
          [1] =>
          [2] =>
        )
      )
    )
  )
  [1] => Array
  (
    Name: Methods used for
crosses
```

```

:taxon:cross:methods
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
:type:categorycal
    [1] =>
:type:list
    [2] =>
:type:full-text-03
)
)
[2] => Array
(
Name: Cross references
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:list
    [2] =>
:type:full-text-03
)
)
[3] => Array
(
Name: Success rate of
crosses
Description: Percentage
(%) or evaluation of success rate for crosses.
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
:type:discrete
)
)
[4] => Array
(
Name: Population type
Description: Type of
cross population.

```

```

:taxon:cross:population
Descriptor:
Data type: :type:string
Data format: Array
      (
          [0] =>
:type:discrete
      )
)
)
)
[13] => Array
(
    Name: Superclass
    Descriptor: :taxon:superclassis
    Data type: :type:string
    Data format: Array
      (
          [0] => :type:categorical
          [1] => :type:full-text-06
          [2] => :type:summary
      )
)
[14] => Array
(
    Name: Class
    Descriptor: :taxon:classis
    Data type: :type:string
    Data format: Array
      (
          [0] => :type:categorical
          [1] => :type:full-text-06
          [2] => :type:summary
      )
)
[15] => Array
(
    Name: Subclass
    Descriptor: :taxon:subclassis
    Data type: :type:string
    Data format: Array
      (
          [0] => :type:categorical
          [1] => :type:full-text-06
          [2] => :type:summary
      )
)
)

```

```

[16] => Array
  (
    Name: Infraclass
    Descriptor: :taxon:infraclassis
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[17] => Array
  (
    Name: Parvclass
    Descriptor: :taxon:parvclassis
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[18] => Array
  (
    Name: Superfamily
    Descriptor: :taxon:superfamilia
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

[19] => Array
  (
    Name: Family
    Descriptor: :taxon:familia
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
  )

```

```

[20] => Array
  (
    Name: Family authority
    Descriptor: :taxon:familia:author
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
)

[21] => Array
  (
    Name: Subfamily
    Descriptor: :taxon:subfamilia
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[22] => Array
  (
    Name: Genus
    Descriptor: :taxon:genus
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[23] => Array
  (
    Name: Genus authority
    Descriptor: :taxon:genus:author
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
)

[24] => Array

```

```

(
  Name: Subgenus
  Descriptor: :taxon:subgenus
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
    )
)

[25] => Array
(
  Name: Section
  Descriptor: :taxon:sectio
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
    )
)

[26] => Array
(
  Name: Series
  Descriptor: :taxon:series
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
    )
)

[27] => Array
(
  Name: Variety
  Descriptor: :taxon:varietas
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
    )
)

[28] => Array
(
  Name: Variety authority
  Descriptor: :taxon:varietas:author
  Data type: :type:string

```

```

        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[29] => Array
    (
        Name: Form
        Descriptor: :taxon:forma
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[30] => Array
    (
        Name: Form authority
        Descriptor: :taxon:forma:author
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[31] => Array
    (
        Name: Domain
        Descriptor: :taxon:superregnum
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[32] => Array
    (
        Name: Kingdom
        Descriptor: :taxon:regnum
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical

```

```

[1] => :type:full-text-06
[2] => :type:summary
)
)
[33] => Array
(
  Name: Subkingdom
  Descriptor: :taxon:subregnum
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[34] => Array
(
  Name: Infrakingdom or Branch
  Descriptor: :taxon:infraregnum
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[35] => Array
(
  Name: Legion
  Descriptor: :taxon:legio
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[36] => Array
(
  Name: Cohort
  Descriptor: :taxon:cohors
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical

```



```

[1] => :type:full-text-06
[2] => :type:summary
)
)
[37] => Array
(
  Name: Magnorder or Megaorder
  Descriptor: :taxon:magnordo
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[38] => Array
(
  Name: Superorder
  Descriptor: :taxon:superordo
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[39] => Array
(
  Name: Grandorder
  Descriptor: :taxon:grandordo
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[40] => Array
(
  Name: Grandorder
  Descriptor: :taxon:mirordo
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical

```

```

[1] => :type:full-text-06
[2] => :type:summary
)
)
[41] => Array
(
  Name: Order
  Descriptor: :taxon:ordo
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[42] => Array
(
  Name: Suborder
  Descriptor: :taxon:subordo
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[43] => Array
(
  Name: Infraorder
  Descriptor: :taxon:infraordo
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[44] => Array
(
  Name: Parvorder
  Descriptor: :taxon:parvordo
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical

```

```

[1] => :type:full-text-06
[2] => :type:summary
)
)
[45] => Array
(
  Name: Superphylum or Superdivision
  Descriptor: :taxon:superphylum
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[46] => Array
(
  Name: Phylum or Division
  Descriptor: :taxon:phylum
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[47] => Array
(
  Name: Subphylum
  Descriptor: :taxon:subphylum
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[48] => Array
(
  Name: Infraphylum
  Descriptor: :taxon:infraphylum
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical

```

```

[1] => :type:full-text-06
[2] => :type:summary
)
)
[49] => Array
(
  Name: Microphylum
  Descriptor: :taxon:microphylum
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[50] => Array
(
  Name: Superspecies
  Descriptor: :taxon:superspecies
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
  )
)
[51] => Array
(
  Name: Species
  Descriptor: :taxon:species
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
  )
)
[52] => Array
(
  Name: Species authority
  Descriptor: :taxon:species:author
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)

```

```

    )
[53] => Array
    (
      Name: Subspecies
      Descriptor: :taxon:subspecies
      Data type: :type:string
      Data format: Array
        (
          [0] => :type:categorical
          [1] => :type:full-text-06
        )
    )
)
[54] => Array
    (
      Name: Subspecies authority
      Descriptor: :taxon:subspecies:author
      Data type: :type:string
      Data format: Array
        (
          [0] => :type:discrete
          [1] => :type:full-text-03
        )
    )
)
[55] => Array
    (
      Name: Supertribe
      Descriptor: :taxon:supertribus
      Data type: :type:string
      Data format: Array
        (
          [0] => :type:categorical
          [1] => :type:full-text-06
          [2] => :type:summary
        )
    )
)
[56] => Array
    (
      Name: Tribe
      Descriptor: :taxon:tribus
      Data type: :type:string
      Data format: Array
        (
          [0] => :type:categorical
          [1] => :type:full-text-06
        )
    )
)

```

```

[57] => Array
(
    Name: Subtribe
    Descriptor: :taxon:subtribus
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
)

[58] => Array
(
    Name: Taxonomic rank
    Description: This attribute holds the
enumerated value describing the rank or position in the taxonomic
hierarchy.
    Descriptor: :taxon:rank
    Data type: :type:enum
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
)

[59] => Array
(
    Name: Crop
    Descriptor: :taxon:crop
    Data type: :type:enum
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
    )
)

[60] => Array
(
    Name: Chromosome number
    Descriptor: :taxon:chromosome-number
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
)

```

```

)
[61] => Array
(
  Name: Gene Pool
  Descriptor: :taxon:genepool
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:list
    [2] => :type:full-text-03
  )
)
[62] => Array
(
  Name: Gene Pool reference
  Descriptor: :taxon:genepool-ref
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:list
  )
)
[63] => Array
(
  Name: Taxon group
  Descriptor: :taxon:group
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:list
    [2] => :type:full-text-03
  )
)
[64] => Array
(
  Name: Taxon group reference
  Descriptor: :taxon:group-ref
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)

```

```

[65] => Array
(
  Name: GP/TG group concept
  Descriptor: :taxon:gp/tg
  Data type: :type:text
  Data format: Array
    (
      [0] => :type:discrete
      [1] => :type:list
    )
)

[66] => Array
(
  Name: Taxon sub-group
  Descriptor: :taxon:sub-group
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:discrete
      [1] => :type:list
      [2] => :type:full-text-03
    )
)

[67] => Array
(
  Name: Taxon sub-group reference
  Descriptor: :taxon:sub-group-ref
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:discrete
      [1] => :type:list
    )
)

[68] => Array
(
  Name: Taxon designation
  Description: Type of taxon.
  Descriptor: :taxon:designation
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:list
      [2] => :type:full-text-03
    )
)

```



```

[69] => Array
(
    Name: Taxon designation references
    Description: Database, literature or personal
communication reference for listing of taxon as a crop wild relative
or wild utilised species.
    Descriptor: :taxon:designation:ref
    Data type: :type:text
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:list
        [2] => :type:full-text-03
    )
)

[70] => Array
(
    Name: Taxon national designation
    Descriptor: :taxon:designation:national
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
    )
)

[71] => Array
(
    Name: Taxon primary or prioritised uses
    Description: Designation of the primary or
prioritized use of the associated crop or the wild utilised species
taxon.
    Descriptor: :taxon:designation:use
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:list
        [2] => :type:full-text-03
    )
)

[72] => Array
(
    Name: Designation notes
    Description: Notes on occurrence and
designation status from databases, literature or personal
communications.
    Descriptor: :taxon:designation:notes
    Data type: :type:text
    Data format: Array

```

```

        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[73] => Array
    (
        Name: Relation to crop
        Descriptor: :taxon:rel-crop
        Data type: :type:enum
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
    )
[74] => Array
    (
        Name: Associated crop taxa
        Description: Scientific names of the associated
crop to which the crop wild relative is related.
        Descriptor: :taxon:rel-crop:taxa
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[75] => Array
    (
        Name: Associated_crop_common names
        Description: The vernacular names of the
associated crop taxon to which the crop wild relative is related.
        Descriptor: :taxon:rel-crop:names
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[76] => Array
    (
        Name: Occurrence status

```

```

Descriptor: :taxon:occurrence-status
Data type: :type:enum-set
Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)

[77] => Array
    (
        Name: Scientific name
        Descriptor: :taxon:epithet
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
            )
    )

[78] => Array
    (
        Name: Scientific name authority
        Descriptor: :taxon:author
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )

[79] => Array
    (
        Name: Species name
        Descriptor: :taxon:species:name
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
                [2] => :type:summary
            )
    )

[80] => Array
    (
        Name: Intraspecific epithet
        Descriptor: :taxon:infraspecies
        Data type: :type:string
    )

```

```

        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[81] => Array
    (
        Name: Intraspecific authority
        Descriptor: :taxon:infraspecies:author
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[82] => Array
    (
        Name: Valid scientific name
        Descriptor: :taxon:valid
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
        )
    )
[83] => Array
    (
        Name: Scientific name synonyms
        Descriptor: :taxon:synonym
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[84] => Array
    (
        Name: Common taxon names
        Descriptor: :taxon:names
        Data type: :type:language-strings
        Data format: Array
        (
            [0] => :type:categorical

```

```

        [1] => :type:full-text-06
    )
)
[85] => Array
(
    Name: Taxonomic reference
    Description: This attribute holds the internet
address in which the current taxon is published.
    Descriptor: :taxon:url
    Data type: :type:url
    Data format: Array
    (
        [0] => :type:discrete
    )
)
[86] => Array
(
    Name: Scientific name identifier
    Descriptor: :taxon:id
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
    )
)
[87] => Array
(
    Name: Scientific name reference
    Descriptor: :taxon:reference
    Data type: :type:url
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:list
    )
)
[88] => Array
(
    Name: Scientific name synonyms references
    Descriptor: :taxon:synref
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:list
    )
)

```

```

[89] => Array
  (
    Name: Annex 1 group
    Descriptor: :taxon:annex-1
    Data type: :type:enum
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
      )
    )
)

[90] => Array
  (
    Name: Annex 1 notes
    Descriptor: :taxon:annex-1:notes
    Data type: :type:text
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
)

[91] => Array
  (
    Name: Taxon policy notes
    Descriptor: :taxon:unit:policy:notes
    Data type: :type:text
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
)

[92] => Array
  (
    Name: Dataset
    Description: Name or code identifying the
dataset or catalogue that provided the information.
    Descriptor: :inventory:dataset
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
      )
    )
)

```

```

[93] => Array
(
    Name: Dataset report
    Description: URL pointing to the report or
source of the dataset.
    Descriptor: :inventory:dataset:report
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)

[94] => Array
(
    Name: Dataset notes
    Description: Notes and/or description of the
data contained in the dataset.
    Descriptor: :inventory:dataset:notes
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)

[95] => Array
(
    Name: Inventory code
    Description: Code identifying the inventory.
    Descriptor: :inventory:code
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)

[96] => Array
(
    Name: Inventory administrative unit
    Description: Administrative unit of the
inventory.
    Descriptor: :inventory:admin
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical

```

```

[1] => :type:full-text-06
[2] => :type:summary
)
)
[97] => Array
(
  Name: Institute
  Description: This attribute holds a reference
to the institute.
  Descriptor: :inventory:institute
  Data type: :type:ref:unit
)
)
```


Landrace

Landrace (descriptive format)

```
[node] => 32188
Name: Landrace
Description: This structure contains all default properties of a
landrace occurrence.
[children] => Array
  (
    [0] => Array
      (
        Name: QTL identifier
        Descriptor: qtl:UNID
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:discrete
            [1] => :type:full-text-06
          )
      )
    [1] => Array
      (
        Name: Landrace number
        Description: Unique progressive number which
identifies the in situ LR in the Inventory, not to be duplicated
(i.e. reassigned) for other LRs or the same LR that is cultivated by
other farmers in the current Inventory. To be assigned by the
institute which is responsible at the national level for the
production of the National LR in situ Inventory.
        Descriptor: lr:LRNUMB
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:discrete
            [1] => :type:full-text-06
          )
      )
    [2] => Array
      (
        Name: Landrace local names
        Description: Local name/s of the LR in the
colloquial language of the farm. Free text.
        Descriptor: lr:LRNAME
        Data type: :type:language-strings
        Data format: Array
          (
            [0] => :type:categorical
            [1] => :type:full-text-06
          )
      )
  )
```

```

[3] => Array
(
    Name: Farm location
    Description: Geographic information on the farm
location.
    Descriptor: lr:FARMSITE
    Data type: :type:struct
    [children] => Array
        (
            [0] => Array
                (
                    Name: Elevation
                    Description: This
attribute holds the location elevation in meters, positive values
indicate above the sea level and negative values indicate below sea
level. For areas, this attribute should hold the mean elevation.
                    Descriptor:
:location:site:elevation
                    Data type: :type:int
                    Data format: Array
                        (
                            [0] =>
:~type:quantitative
                        )
                )
            [1] => Array
                (
                    Name: Minimum elevation
                    Description: This
attribute holds the location minimum elevation in meters, positive
values indicate above the sea level and negative values indicate
below sea level.
                    Descriptor:
:location:site:elevation:min
                    Data type: :type:int
                    Data format: Array
                        (
                            [0] =>
:~type:quantitative
                        )
                )
            [2] => Array
                (
                    Name: Maximum elevation
                    Description: This
attribute holds the location maximum elevation in meters, positive
values indicate above the sea level and negative values indicate
below sea level.
                    Descriptor:
:location:site:elevation:max
                    Data type: :type:int

```

```

Data format: Array
(
    [0] =>
:type:quantitative
)
)
[3] => Array
(
    Name: Elevation
uncertainty
    Description: This
attribute holds the location elevation uncertainty in meters,
positive values indicate above the sea level and negative values
indicate below sea level.
Descriptor:
:location:site:elevation:error
Data type: :type:int
Data format: Array
(
    [0] =>
:type:quantitative
)
)
[4] => Array
(
    Name: Datum
    Description: Datum of the
projection used to obtain the coordinates. If not provided 'WGS
1984' will be used. A horizontal geodetic datum based on an ellipsoid
that has its origin at the earth's center of mass. Examples are the
World Geodetic System of 1984, the North American Datum of 1983, and
the Geodetic Datum of Australia of 1994. The first uses the WGS84
ellipsoid; the latter two use the GRS80 ellipsoid.
Descriptor:
:location:site:datum
Data type: :type:enum
Data format: Array
(
    [0] =>
:type:categoryical
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[5] => Array
(
    Name: Decimal latitude

```

```

        Description: This
attribute holds the location latitude in decimal degrees.
        Descriptor:
:location:site:latitude
        Data type: :type:float
        Data format: Array
        (
            [0] =>
:~type:quantitative
        )
    )
[6] => Array
    (
        Name: Provided latitude
        Description: This
attribute holds the location latitude as it was provided.
        Descriptor:
:location:site:latitude:provided
        Data type: :type:string
        Data format: Array
        (
            [0] =>
:~type:discrete
        )
    )
[7] => Array
    (
        Name: Degrees of latitude
        Description: This
attribute holds the location latitude degrees.
        Descriptor:
:location:site:latitude:deg
        Data type: :type:int
        Data format: Array
        (
            [0] =>
:~type:quantitative
        )
    )
[8] => Array
    (
        Name: Minutes of latitude
        Description: This
attribute holds the location latitude minutes.
        Descriptor:
:location:site:latitude:min
        Data type: :type:float
        Data format: Array
        (

```

```

:location:site:latitude:sec
attribute holds the location latitude seconds.
Name: Seconds of latitude
Description: This
Descriptor:
Data type: :type:float
Data format: Array
(
  [0] =>
)
)

:location:site:latitude:hem
attribute holds the location latitude hemisphere, accepted values are
N for North and S for South.
Name: Latitude hemisphere
Description: This
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
)
)

:location:site:latitude:error
attribute holds the location latitude uncertainty in meters.
Name: Latitude
Description: This
Descriptor:
Data type: :type:int
Data format: Array
(
  [0] =>
)
)

:location:site:latitude:uncertainty
attribute holds the location latitude uncertainty in meters.
Name: Latitude
Description: This
Descriptor:
Data type: :type:int
Data format: Array
(
  [0] =>
)
)

:location:site:latitude:uncertainty
attribute holds the location latitude uncertainty in meters.
Name: Latitude
Description: This
Descriptor:
Data type: :type:int
Data format: Array
(
  [0] =>
)
)

:location:site:latitude:uncertainty
attribute holds the location latitude uncertainty in meters.
Name: Latitude
Description: This
Descriptor:
Data type: :type:int
Data format: Array
(
  [0] =>
)
)

```

```

[12] => Array
(
    Name: Decimal longitude
    Description: This
attribute holds the location longitude in decimal degrees.
    Descriptor:
:location:site:longitude

    Data type: :type:float
    Data format: Array
    (
        [0] =>
    )
)

[13] => Array
(
    Name: Provided longitude
    Description: This
attribute holds the location longitude as it was provided.
    Descriptor:
:location:site:longitude:provided

    Data type: :type:string
    Data format: Array
    (
        [0] =>
    )
)

[14] => Array
(
    Name: Degrees of
longitude
    Description: This
attribute holds the location longitude degrees.
    Descriptor:
:location:site:longitude:deg

    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)

[15] => Array
(
    Name: Minutes of
longitude
    Description: This
attribute holds the location longitude minutes.

```

```

:location:site:longitude:min
Descriptor:
Data type: :type:float
Data format: Array
(
    [0] =>
)
)
)
[16] => Array
(
    Name: Seconds of
    Description: This
    attribute holds the location longitude seconds.
    Descriptor:
    Data type: :type:float
    Data format: Array
    (
        [0] =>
    )
)
)
[17] => Array
(
    Name: Longitude
    Description: This
    attribute holds the location longitude hemisphere, accepted values
    are E for East and W for West.
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
    )
)
)
[18] => Array
(
    Name: Longitude
    Description: This
    attribute holds the location longitude uncertainty in meters.
    Descriptor:
    Data type: :type:int
    Data format: Array

```

```

(
    [0] =>
:type:quantitative
)
)
[19] => Array
(
    Name: Maximum error
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:type:quantitative
    )
)
[20] => Array
(
    Name: Coordinates
    Description: This
    attribute indicates whether the coordinates may or may not be
    published.
    Descriptor:
    Data type: :type:boolean
    Data format: Array
    (
        [0] =>
:type:discrete
    )
)
[21] => Array
(
    Name: Nearest named place
    Description: Name of
    nearest place to site. This also refers to places that may not have
    proper names (i.e. road junctions).
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
:type:full-text-03
    )
)

```



```

)
[22] => Array
(
    Name: Distance from
nearest named place
    Description: Distance
from nearest named place to site in meters.
    Descriptor:
:location:near-dist
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:~type:quantitative
    )
)
[23] => Array
(
    Name: Direction from
nearest named place
    Description: Direction of
site from nearest named place in degrees relative to North.
    Descriptor:
:location:near-dir
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:~type:quantitative
    )
)
[24] => Array
(
    Name: Continent
    Description: This
attribute holds the enumerated value describing the location
continent.
    Descriptor:
:location:continent
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:~type:categorical
        [1] =>
:~type:full-text-06
        [2] =>
:~type:summary
    )
)

```

```

)
[25] => Array
(
    Name: Country
    Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
    Descriptor:
:location:country
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)
[26] => Array
(
    Name: Administrative unit
    Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
    Descriptor:
:location:admin
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)
[27] => Array
(
    Name: Georeference date
    Descriptor:
:location:site:georeference-date
    Data type: :type:date
    Data format: Array
    (
        [0] =>
:~type:~quantitative
    )
)

```

```

)
[28] => Array
(
    Name: Georeference
contact
    Descriptor:
:location:site:georeference-contact
    Data type: :type:string
    Data format: Array
        (
            [0] =>
            [1] =>
        )
)
[29] => Array
(
    Name: Georeference source
:location:site:georeference-source
    Descriptor:
    Data type: :type:string
    Data format: Array
        (
            [0] =>
            [1] =>
        )
)
[30] => Array
(
    Name: Georeferencing
method
    Descriptor:
:location:site:georeference-method
    Data type: :type:enum
    Data format: Array
        (
            [0] =>
            [1] =>
            [2] =>
        )
)
[31] => Array

```

```

(
    Name: Georeference tool
    Descriptor:
:location:site:georeference-tool
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-03
        )
)
[32] => Array
(
    Name: Georeference
    Description: This
    attribute holds the location georeference latitude in decimal
    degrees.
    Descriptor:
:location:site:georeference-latitude
    Data type: :type:float
    Data format: Array
        (
            [0] =>
:~type:~quantitative
        )
)
[33] => Array
(
    Name: Georeference
    Description: This
    attribute holds the location georeference longitude in decimal
    degrees.
    Descriptor:
:location:site:georeference-longitude
    Data type: :type:float
    Data format: Array
        (
            [0] =>
:~type:~quantitative
        )
)
[34] => Array
(
    Name: Georeference error
    Descriptor:
:location:site:georeference-error

```

```

Data type: :type:int
Data format: Array
(
    [0] =>
:type:quantitative
)
)
[35] => Array
(
    Name: Georeference
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
    )
)
[36] => Array
(
    Name: Georeference notes
    Descriptor:
    Data type: :type:text
    Data format: Array
    (
        [0] =>
        [1] =>
:type:discrete
        [2] =>
:type:full-text-03
    )
)
[37] => Array
(
    Name: Habitat type
    Descriptor: iucn:habitat
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
:type:summary
    )
)
)

```

```

[38] => Array
      (
        Name: Habitat type
        Descriptor: iucn:habitat-
scoring
score
        Data type: :type:enum
        Data format: Array
          (
            [0] =>
            [1] =>
            [2] =>
          )
      )
)

:type:categorycal
:type:full-text-03
:type:summary

[39] => Array
      (
        Name: Habitat type
        Descriptor: eec:EUNIS
        Data type: :type:enum-set
        Data format: Array
          (
            [0] =>
            [1] =>
            [2] =>
          )
      )
)

:type:categorycal
:type:full-text-03
:type:summary

[40] => Array
      (
        Name: National habitat
unit code
        Descriptor:
        Data type: :type:string
        Data format: Array
          (
            [0] =>
            [1] =>
          )
      )
)

:location:site:unit-code
:type:discrete
:type:full-text-03

[41] => Array
      (

```

```

unit description
:location:site:unit-descr
:type:discrete
:type:full-text-03

Name: National habitat
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
)
)

[42] => Array
(
  Name: National habitat
  Description: Authority
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

unit authority file
file to which the habitat refers.
:location:site:unit-file
:type:discrete
:type:full-text-03

Name: National habitat
Description: Authority
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
)
)

[43] => Array
(
  Name: National habitat
  Description: Version of
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

unit authority file version
authority file used.
:location:site:unit-file-vers
:type:discrete
:type:full-text-03

Name: National habitat
Description: Version of
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
)
)

[44] => Array
(

```

```

Name: Land element and
position
Description: Description
of the geomorphology of the immediate surroundings of the collecting
site (adapted from FAO, 1990).
Descriptor:
:location:site:position
Data type: :type:enum
Data format: Array
(
    [0] =>
:~type:~categorical
    [1] =>
:~type:~full-text-03
    [2] =>
:~type:~summary
)
)
[45] => Array
(
    Name: Land slope
    Description: Estimated
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:~type:~quantitative
    )
)
[46] => Array
(
    Name: Land slope aspect
    Description: The
direction that the slope faces, with symbols N, S, E, W (e.g. a slope
that faces a south-western direction has an aspect of SW).
    Descriptor:
:~location:~site:~slope:~aspect
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:~categorical
    )
)
[47] => Array
(
    Name: Site identifier

```



```

attribute holds the unique identifier of the site.
Description: This
Descriptor:
:location:site:id
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[48] => Array
(
    Name: Site notes
    Descriptor:
    Data type: :type:text
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
:location:site:notes
:type:discrete
:type:full-text-03
[49] => Array
(
    Name: Site legislation
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
:location:site:legislation
:type:categorical
:type:full-text-03
:type:summary
[50] => Array
(
    Name: Site ownership
    Descriptor:
    Data type: :type:enum
    Data format: Array

```

```

(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[51] => Array
(
    Name: Site monitoring
    Description: Whether any
monitoring of the site is foreseen across years.
    Descriptor:
:type:enum
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:summary
    )
)
[52] => Array
(
    Name: Monitoring
author/compiler
    Description: Name of
person or entity in charge of the monitoring.
    Descriptor:
:type:string
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-03
    )
)
[53] => Array
(
    Name: Monitoring interval
    Description: Monitoring
interval in years.
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
)

```

```

Data format: Array
(
    [0] =>
:type:quantitative
)
)
[54] => Array
(
    Name: Region
    Description: This
attribute holds the region name.
Descriptor:
:type:region
Data type: :type:string
Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-06
)
)
[55] => Array
(
    Name: Primary
administrative unit
    Description: This
attribute holds the name of the primary administrative unit below the
country.
Descriptor:
:type:admin-1
Data type: :type:string
Data format: Array
(
    [0] =>
:type:categoryal
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[56] => Array
(
    Name: Secondary
administrative unit
    Description: This
attribute holds the name of the secondary administrative unit below
the primary administrative unit.

```



```

(
    Name: CWR site protection
    Descriptor:

:location:site:protected
    Data type: :type:enum
    Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-03
            [2] =>
:~type:~summary
        )
    )
[60] => Array
(
    Name: World Database of
    Description: World
    Database of Protected Areas unique site code (WDPA) ( source:
    http://www.wdpa.org/).
    Descriptor:

:location:site:WDPA
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:~discrete
            [1] =>
:~type:~full-text-03
        )
    )
[61] => Array
(
    Name: Soil texture
    Descriptor:

:location:site:texture
    Data type: :type:enum
    Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-03
            [2] =>
:~type:~summary
        )
    )
[62] => Array

```

```

(
    Name: Soil moisture
    Description: Moisture
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

```

conditions prevailing in the soil.

:location:site:moisture

:type:categorical

:type:full-text-03

:type:summary

```

[63] => Array
(
    Name: Soil Ph.
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

```

:location:site:ph

:type:categorical

:type:full-text-03

:type:summary

```

[64] => Array
(
    Name: Soil acidity value
    Description: Actual
    Descriptor:
    Data type: :type:float
    Data format: Array
    (
        [0] =>
    )
)

```

measurement of soil acidity at related depth.

:location:site:ph:value

:type:quantitative

```

[65] => Array
(

```

```

depth
centimetres at which soil acidity condition was recorded.
:location:site:ph:depth
:type:quantitative
Name: Ph. measurement
Description: Depth in
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)
)
[66] => Array
(
Name: Soil salinity
Descriptor:
Data type: :type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:location:site:salt
:type:categorical
:type:full-text-03
:type:summary
Name: Soil salinity
Descriptor:
Data type: :type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
[67] => Array
(
Name: Soil acidity value
Description: Actual
Descriptor:
Data type: :type:float
Data format: Array
(
[0] =>
)
)
measurement of soil salinity in ppm at related depth.
:location:site:salt:value
:type:quantitative
Name: Soil acidity value
Description: Actual
Descriptor:
Data type: :type:float
Data format: Array
(
[0] =>
)
)
[68] => Array
(
Name: Salinity
Descriptor: Depth in
centimetres at which soil salinity condition was recorded.
)

```

```

:location:site:salt:depth
Descriptor:
Data type: :type:int
Data format: Array
(
    [0] =>
)
)
)
[69] => Array
(
    Name: Land use (FAO)
    Descriptor: fao:landuse
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
)
[70] => Array
(
    Name: Land use (CORINE)
    Descriptor: eec:CORINE
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
)
)
)
[4] => Array
(
    Name: Landrace location
    Description: Geographic information on the
    landrace location.
    Descriptor: lr:LRSITE
    Data type: :type:struct

```



```

[children] => Array
(
  [0] => Array
  (
    Name: Elevation
    Description: This
    attribute holds the location elevation in meters, positive values
    indicate above the sea level and negative values indicate below sea
    level. For areas, this attribute should hold the mean elevation.
    Descriptor:
    :location:site:elevation
    Data type: :type:int
    Data format: Array
    (
      [0] =>
    )
  )
  [1] => Array
  (
    Name: Minimum elevation
    Description: This
    attribute holds the location minimum elevation in meters, positive
    values indicate above the sea level and negative values indicate
    below sea level.
    Descriptor:
    :location:site:elevation:min
    Data type: :type:int
    Data format: Array
    (
      [0] =>
    )
  )
  [2] => Array
  (
    Name: Maximum elevation
    Description: This
    attribute holds the location maximum elevation in meters, positive
    values indicate above the sea level and negative values indicate
    below sea level.
    Descriptor:
    :location:site:elevation:max
    Data type: :type:int
    Data format: Array
    (
      [0] =>
    )
  )
)

```

```

[3] => Array
(
    Name: Elevation
    Description: This
uncertainty
attribute holds the location elevation uncertainty in meters,
positive values indicate above the sea level and negative values
indicate below sea level.
    Descriptor:
:location:site:elevation:error
    Data type: :type:int
    Data format: Array
(
        [0] =>
:~type:quantitative
    )
)

```

```

[4] => Array
(
    Name: Datum
    Description: Datum of the
projection used to obtain the coordinates. If not provided 'WGS
1984' will be used. A horizontal geodetic datum based on an ellipsoid
that has its origin at the earth's center of mass. Examples are the
World Geodetic System of 1984, the North American Datum of 1983, and
the Geodetic Datum of Australia of 1994. The first uses the WGS84
ellipsoid; the latter two use the GRS80 ellipsoid.
:location:site:datum
    Descriptor:
    Data type: :type:enum
    Data format: Array
(
        [0] =>
:~type:~categorical
        [1] =>
:~type:full-text-03
        [2] =>
:~type:summary
    )
)

```

```

[5] => Array
(
    Name: Decimal latitude
    Description: This
attribute holds the location latitude in decimal degrees.
    Descriptor:
:location:site:latitude
    Data type: :type:float
    Data format: Array
(
        [0] =>
:~type:quantitative
    )
)

```

```

)
)
[6] => Array
(
    Name: Provided latitude
    Description: This
attribute holds the location latitude as it was provided.
    Descriptor:
:location:site:latitude:provided
    Data type: :type:string
    Data format: Array
    (
        [0] =>
    )
)
)
[7] => Array
(
    Name: Degrees of latitude
    Description: This
attribute holds the location latitude degrees.
    Descriptor:
:location:site:latitude:deg
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
)
[8] => Array
(
    Name: Minutes of latitude
    Description: This
attribute holds the location latitude minutes.
    Descriptor:
:location:site:latitude:min
    Data type: :type:float
    Data format: Array
    (
        [0] =>
    )
)
)
[9] => Array
(
    Name: Seconds of latitude

```

```

attribute holds the location latitude seconds.
:location:site:latitude:sec
:type:discrete
Description: This
Descriptor:
Data type: :type:float
Data format: Array
(
    [0] =>
)
)
[10] => Array
(
    Name: Latitude hemisphere
    Description: This
    attribute holds the location latitude hemisphere, accepted values are
    N for North and S for South.
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
    )
)
)
[11] => Array
(
    Name: Latitude
    Description: This
    attribute holds the location latitude uncertainty in meters.
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
)
[12] => Array
(
    Name: Decimal longitude
    Description: This
    attribute holds the location longitude in decimal degrees.
    Descriptor:
    Data type: :type:float
    Data format: Array

```

```

(
    [0] =>
:type:quantitative
)
)
[13] => Array
(
    Name: Provided longitude
    Description: This
attribute holds the location longitude as it was provided.
    Descriptor:
:type:discrete
    Data type: :type:string
    Data format: Array
(
    [0] =>
)
)
[14] => Array
(
    Name: Degrees of
longitude
    Description: This
attribute holds the location longitude degrees.
    Descriptor:
:type:quantitative
    Data type: :type:int
    Data format: Array
(
    [0] =>
)
)
[15] => Array
(
    Name: Minutes of
longitude
    Description: This
attribute holds the location longitude minutes.
    Descriptor:
:type:discrete
    Data type: :type:float
    Data format: Array
(
    [0] =>
)
)
)

```

```

[16] => Array
(
    Name: Seconds of
longitude
    Description: This
attribute holds the location longitude seconds.
    Descriptor:
:location:site:longitude:sec
    Data type: :type:float
    Data format: Array
        (
            [0] =>
:~type:discrete
        )
    )
[17] => Array
(
    Name: Longitude
hemisphere
    Description: This
attribute holds the location longitude hemisphere, accepted values
are E for East and W for West.
    Descriptor:
:location:site:longitude:hem
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:categorical
        )
    )
[18] => Array
(
    Name: Longitude
uncertainty
    Description: This
attribute holds the location longitude uncertainty in meters.
    Descriptor:
:location:site:longitude:error
    Data type: :type:int
    Data format: Array
        (
            [0] =>
:~type:quantitative
        )
    )
[19] => Array
(

```

```

distance
:location:site:error
:type:quantitative

Name: Maximum error
Descriptor:
Data type: :type:int
Data format: Array
(
    [0] =>
)
)

[20] => Array
(
    Name: Coordinates
    Description: This
    attribute indicates whether the coordinates may or may not be
    published.
    Descriptor:
    Data type: :type:boolean
    Data format: Array
    (
        [0] =>
    )
)

restricted
attribute indicates whether the coordinates may or may not be
published.
:location:site:coordinates-restricted
:type:discrete

[21] => Array
(
    Name: Nearest named place
    Description: Name of
    nearest place to site. This also refers to places that may not have
    proper names (i.e. road junctions).
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

nearest named place
from nearest named place to site in meters.

[22] => Array
(
    Name: Distance from
    Description: Distance
    from nearest named place to site in meters.
)

```

```

:location:near-dist
:location:near-dist
Descriptor:
Data type: :type:int
Data format: Array
(
    [0] =>
)
)
)
[23] => Array
(
    Name: Direction from
    Description: Direction of
    site from nearest named place in degrees relative to North.
    Descriptor:
Data type: :type:int
Data format: Array
(
    [0] =>
)
)
)
[24] => Array
(
    Name: Continent
    Description: This
attribute holds the enumerated value describing the location
continent.
    Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
)
[25] => Array
(
    Name: Country
    Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
)
)
)

```



```

:location:country
:location:admin
:location:site:georeference-date
contact

:type:summary
:type:summary
:type:summary
:type:summary
:type:summary
:type:summary
:type:summary
:type:summary

Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)

[26] => Array
(
    Name: Administrative unit
    Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)

[27] => Array
(
    Name: Georeference date
    Descriptor:
Data type: :type:date
Data format: Array
(
    [0] =>
)
)

[28] => Array
(
    Name: Georeference

```

```

:location:site:georeference-contact
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[29] => Array
(
    Name: Georeference source
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
:location:site:georeference-source
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[30] => Array
(
    Name: Georeferencing
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
method
:location:site:georeference-method
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
[31] => Array
(
    Name: Georeference tool
    Descriptor:
    Data type: :type:string
    Data format: Array
    (

```

```

:~type:categorical
:~type:full-text-03
)
)
[32] => Array
(
  Name: Georeference
  Description: This
  attribute holds the location georeference latitude in decimal
  degrees.
  Descriptor:
  Data type: :~type:float
  Data format: Array
  (
    [0] =>
  )
)
:~location:site:georeference-latitude
:~type:quantitative
)
[33] => Array
(
  Name: Georeference
  Description: This
  attribute holds the location georeference longitude in decimal
  degrees.
  Descriptor:
  Data type: :~type:float
  Data format: Array
  (
    [0] =>
  )
)
:~location:site:georeference-longitude
:~type:quantitative
)
[34] => Array
(
  Name: Georeference error
  Descriptor:
  Data type: :~type:int
  Data format: Array
  (
    [0] =>
  )
)
:~location:site:georeference-error
:~type:quantitative
)

```

```

)
[35] => Array
(
    Name: Georeference
original coordinate
    Descriptor:
:location:site:georeference-old
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:discrete
        )
    )
[36] => Array
(
    Name: Georeference notes
:location:site:georeference-notes
    Descriptor:
    Data type: :type:text
    Data format: Array
        (
            [0] =>
:~type:discrete
            [1] =>
:~type:full-text-03
        )
    )
[37] => Array
(
    Name: Habitat type
    Descriptor: iucn:habitat
    Data type: :type:enum-set
    Data format: Array
        (
            [0] =>
:~type:categorical
            [1] =>
:~type:full-text-03
            [2] =>
:~type:summary
        )
    )
[38] => Array
(
    Name: Habitat type
scoring
    Descriptor: iucn:habitat-
score

```

```

Data type: :type:enum
Data format: Array
(
    [0] =>
:~type:~categorical
    [1] =>
:~type:~full-text-03
    [2] =>
:~type:~summary
)
)
[39] => Array
(
    Name: Habitat type
    Descriptor: eec:EUNIS
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-03
        [2] =>
:~type:~summary
    )
)
[40] => Array
(
    Name: National habitat
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
unit code
        [1] =>
:~location:~site:~unit-code
:~type:~discrete
        [2] =>
:~type:~full-text-03
    )
)
[41] => Array
(
    Name: National habitat
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
:~location:~site:~unit-descr
unit description
)
)

```

```

:~type:discrete
:~type:full-text-03
)
)
[42] => Array
(
Name: National habitat
Description: Authority
Descriptor:
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[43] => Array
(
Name: National habitat
Description: Version of
Descriptor:
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[44] => Array
(
Name: Land element and
position
Description: Description
of the geomorphology of the immediate surroundings of the collecting
site (adapted from FAO, 1990).
Descriptor:
Data type: :~type:enum
:~location:site:unit-file
:~location:site:unit-file-vers
:~location:site:position

```

```

Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[45] => Array
(
    Name: Land slope
    Description: Estimated
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:type:quantitative
    )
)
[46] => Array
(
    Name: Land slope aspect
    Description: The
direction that the slope faces, with symbols N, S, E, W (e.g. a slope
that faces a south-western direction has an aspect of SW).
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
    )
)
[47] => Array
(
    Name: Site identifier
    Description: This
attribute holds the unique identifier of the site.
    Descriptor:
    Data type: :type:string
    Data format: Array
    (

```

```

:location:site:notes
  :type:discrete
  :type:full-text-06
  [0] =>
  [1] =>
  )
)
[48] => Array
  (
    Name: Site notes
    Descriptor:
    Data type: :type:text
    Data format: Array
    (
      [0] =>
      [1] =>
    )
  )
:location:site:legislation
  :type:discrete
  :type:full-text-03
  [49] => Array
    (
      Name: Site legislation
      Descriptor:
      Data type: :type:enum
      Data format: Array
      (
        [0] =>
        [1] =>
        [2] =>
      )
    )
:location:site:ownership
  :type:discrete
  :type:full-text-03
  :type:summary
  [50] => Array
    (
      Name: Site ownership
      Descriptor:
      Data type: :type:enum
      Data format: Array
      (
        [0] =>
        [1] =>
        [2] =>
      )
    )

```



```

)
)
[51] => Array
(
    Name: Site monitoring
    Description: Whether any
monitoring of the site is foreseen across years.
    Descriptor:
:location:site:monitored

    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
)
[52] => Array
(
    Name: Monitoring
author/compiler
    Description: Name of
person or entity in charge of the monitoring.
    Descriptor:
:location:site:monitor

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
)
[53] => Array
(
    Name: Monitoring interval
    Description: Monitoring
interval in years.
    Descriptor:
:location:site:monitor:interval

    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
)

```

```

[54] => Array
(
    Name: Region
    Description: This
attribute holds the region name.
    Descriptor:
:location:region
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:discrete
        [1] =>
:~type:full-text-06
    )
)

[55] => Array
(
    Name: Primary
administrative unit
    Description: This
attribute holds the name of the primary administrative unit below the
country.
    Descriptor:
:location:admin-1
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:~categorical
        [1] =>
:~type:full-text-06
        [2] =>
:~type:summary
    )
)

[56] => Array
(
    Name: Secondary
administrative unit
    Description: This
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
    Descriptor:
:location:admin-2
    Data type: :type:string
    Data format: Array
(
        [0] =>
:~type:~categorical
    )
)

```

```

[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)
[57] => Array
(
    Name: Lowest
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
administrative unit
attribute holds the name of the lowest administrative unit, or local
name of the location.
:location:admin-3
:type:categoryal
:type:full-text-06
)
[58] => Array
(
    Name: Locality
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
:location:locality
:type:discrete
:type:full-text-06
)
[59] => Array
(
    Name: CWR site protection
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (

```



```

Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[63] => Array
(
    Name: Soil Ph.
    Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[64] => Array
(
    Name: Soil acidity value
    Description: Actual
measurement of soil acidity at related depth.
    Descriptor:
:type:quantitative
Data type: :type:float
Data format: Array
(
    [0] =>
)
)
[65] => Array
(
    Name: Ph. measurement
    Description: Depth in
centimetres at which soil acidity condition was recorded.
    Descriptor:
:type:quantitative
Data type: :type:int
Data format: Array

```

```

        (
            [0] =>
:type:quantitative
        )
    )
[66] => Array
    (
        Name: Soil salinity
        Descriptor:
:type:quantitative
        Data type: :type:enum
        Data format: Array
        (
            [0] =>
:type:quantitative
            [1] =>
:type:full-text-03
            [2] =>
:type:summary
        )
    )
[67] => Array
    (
        Name: Soil acidity value
        Description: Actual
        Descriptor:
measurement of soil salinity in ppm at related depth.
:type:quantitative
        Data type: :type:float
        Data format: Array
        (
            [0] =>
:type:quantitative
        )
    )
[68] => Array
    (
        Name: Salinity
        Description: Depth in
measurement depth
centimetres at which soil salinity condition was recorded.
        Descriptor:
:type:quantitative
        Data type: :type:int
        Data format: Array
        (
            [0] =>
:type:quantitative
        )
    )

```

```

)
[69] => Array
(
    Name: Land use (FAO)
    Descriptor: fao:landuse
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)
[70] => Array
(
    Name: Land use (CORINE)
    Descriptor: eec:CORINE
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)
)
)
[5] => Array
(
    Name: Landrace farmer (i.e. the maintainer)
    Description: Farmer information.
    Descriptor: lr:MAINTAINER
    Data type: :type:struct
    [children] => Array
    (
        [0] => Array
        (
            Name: Farmer
            Description: Unique
identification number
number identifier of the farmer who maintains the LR and provides
information (Landrace maintainer unique ID to be held in database).
It is assigned by the institute that is responsible at the national

```

level for the production of the National LR in situ Inventory. This number should not be duplicated or reassigned to other UNIT. This number should be composed of the 'National Inventory Code (NICODE 1.1.)' + 'National Inventory Edition Number (1.2.NIENUMB)' + 'Landrace number (3.2. LRNUMB)'.

```

Descriptor: lr:FARMERID
Data type: :type:string
Data format: Array
    (
        [0] =>
            :type:discrete
        [1] =>
            :type:full-text-10
    )
)
[1] => Array
    (
        Name: Farmer year of
        Description: Recorded as
        birth
        YYY. If not certain, indicate that this is an estimate in REMARKS.
        Descriptor: lr:FARMERYB
        Data type: :type:string
        Data format: Array
        (
            [0] =>
                :type:quantitative
        )
    )
)
[2] => Array
    (
        Name: Holding/tenancy of
        the farm/estate
        Description: Multiple
        choices are allowed since the farm can be made of several types of
        holdings. Multiple choices are allowed separated by a semicolon (;)
        without space.
        Descriptor: lr:FARMHT
        Data type: :type:enum-set
        Data format: Array
        (
            [0] =>
                :type:categorical
            [1] =>
                :type:full-text-03
            [2] =>
                :type:summary
        )
    )
)
[3] => Array

```



```

(
    Name: Farmer
    Description: "Restriction
in making the above mentioned (i.e. 5.2. and 5.3.) farmer data
publicly available: 'Yes' or 'No'. If 'No' only FARMERID (5.1) will
be public.
Descriptor: lr:FIR
Data type: :type:boolean
Data format: Array
(
    [0] =>
):type:discrete
)
)
)
[6] => Array
(
    Name: Landrace
    Description: Landrace information.
    Descriptor: lr:LANDRACE
    Data type: :type:struct
    [children] => Array
    (
        [0] => Array
        (
            Name: Landrace total area
            Description: The total
area (ha) cultivated under the inventoried LR on that farm as from
farmer statement.
Descriptor: lr:LRTOTAREA
Data type: :type:float
Data format: Array
(
            [0] =>
):type:quantitative
        )
    )
)
[1] => Array
(
    Name: Landrace
    Description: The length
of time the LR was cultivated on that farm as from farmer memory,
i.e. cultivated for an unknown number of years, over 50 years, less
than 50 years; in the latter case it can be specified the time.
Descriptor: lr:LRCULTPER
Data type: :type:enum
Data format: Array

```

```

(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[2] => Array
(
    Name: Landrace status
    Description: The status
of the LR on that farm, i.e. whether inherent the farm or
reintroduced in the farm as from farmer statement. For 'inherent the
farm' a cultivation period over 25 years in that farm should be
intended. If introduced/reintroduced from other farms it can be
specified from where. To be eventually elaborated in REMARKS.
    Descriptor: lr:LRSTATUS
    Data type: :type:enum
    Data format: Array
(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[3] => Array
(
    Name: Landrace
seed/propagation material supply system
    Description: From where
the seed (or propagation material in general) initially came, as from
farmer statement.
    Descriptor: lr:LRSSS
    Data type: :type:enum
    Data format: Array
(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
)
)
[4] => Array

```

```

(
    Name: Landrace continuity
    Description: Whether the
LR maintainer plans to continue to grow LR for the foreseeable
future.
    Descriptor: lr:LRCONT
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)
[5] => Array
(
    Name: Landrace
    Description: Whether the
LR maintainer plans to give/exchange the LR to/with other growers.
    Descriptor: lr:LRDISTR
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)
[6] => Array
(
    Name: Farmer motivations
    Description: Taken from
for growing the landrace
farmer statement. See codes in the table below. Multiple choices are
allowed separated by a semicolon (;) without space.
    Descriptor:
lr:LRFARMERMOT
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-03
    )
)

```

```

:~type:summary
[2] =>
)
)
[7] => Array
(
Name: Farmer LR selection
criteria
Description: The main
criteria farmer uses when selecting material for propagation.
Descriptor:
lr:~LRFARMERSELCRI
Data type: ~type:enum
Data format: Array
(
[0] =>
:~type:categorical
[1] =>
:~type:full-text-03
[2] =>
:~type:summary
)
)
[8] => Array
(
Name: Part of the plant
used
Description: Part/s of
the plant used by the farmer, as from farmer statement. Multiple
choices are allowed separated by a semicolon (;) without space.
Descriptor: lr:~PPU
Data type: ~type:enum-set
Data format: Array
(
[0] =>
:~type:categorical
[1] =>
:~type:full-text-03
[2] =>
:~type:summary
)
)
[9] => Array
(
Name: Product use
Description: Type of use
of the product obtained from the lr: if as direct product or as
processed product for larger use, as from farmer statement. Multiple
choices are allowed separated by a semicolon (;) without space.
Descriptor: lr:~LRPRODUSE

```

```

Data type: :type:enum-set
Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-03
        [2] =>
:~type:~summary
    )
)
[10] => Array
    (
        Name: Main destination of
the product
        Description: Where the
product from the LR is mainly destined for use, as from farmer
statement.
        Descriptor: lr:LRPRODEST
Data type: :type:enum
Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-03
            [2] =>
:~type:~summary
        )
    )
)
[11] => Array
    (
        Name: Landrace market
demand
        Description: Demand for
LR / LR product as from farmer statement.
Descriptor:
lr:LRMARKTDEMAND
        Data type: :type:enum
Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-03
            [2] =>
:~type:~summary
        )
    )
)
[12] => Array

```

```

(
    Name: Loss risk as for
the farmer
    Description: Risk of
losing this LR as perceived by the interviewed farmer. It helps to
decide if conservation is needed and plan monitoring actions.
    Descriptor: lr:LRTHREATF
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)
[13] => Array
(
    Name: Loss risk as
assessed by the collecting team
    Description: Risk of
losing this LR as perceived by the team recording data. It helps to
decide if conservation is needed and plan monitoring actions.
    Descriptor: lr:LRTHREATCT
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)
)
[7] => Array
(
    Name: Landrace conservation and monitoring
    Description: Monitoring information.
    Descriptor: lr:MONITOR
    Data type: :type:struct
    [children] => Array
    (
        [0] => Array
        (
            Name: Safety duplicats

```

sample safety duplicates information.

:germplasm:safety

:type:list

Description: List of

Descriptor:

Data type: :type:struct

Data format: Array

(
[0] =>
)

[children] => Array

(
[0] => Array
)

Name: Institute

Description: This attribute holds a reference to the institute.

Descriptor: :inventory:institute

Data type: :type:ref:unit

)

[1] => Array
(

Name: Germplasm identifier

Description: This attribute holds the unique identifier of the germplasm.

Descriptor: :germplasm:identifier

Data type: :type:string

Data format: Array

(
[0] => :type:discrete
[1] => :type:full-text-06
)

)

[2] => Array
(

Name: Accession number

Description: This code serves as a unique identifier for

accessions within a genebank collection, and is assigned when a sample is entered into the genebank collection.

Descriptor: mcpd:ACCENUMB

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:discrete  
    [1] => :type:full-text-10  
)
```

)

```
[3] => Array  
(
```

Name: Location of safety duplicates

Description: The FAO/WIEWS code of the institute holding the accession safety duplicates.

Descriptor: mcpd:DUPLSITE

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:categorical  
    [1] => :type:full-text-06  
    [2] => :type:summary  
)
```

)

```
[4] => Array  
(
```

Name: Safety duplication location names

Descriptor: mcpd:DUPLDESCR

Data type: :type:string

Data format: Array


```

(
    [0] => :type:discrete
    [1] => :type:full-text-03
)

)

[5] => Array
(
    Name: Structure label

    Description: This attribute holds a string which is used to
    identify a structure in a list of structures that do not contain a
    field which can be used for this purpose.

    Descriptor: :struct-label

    Data type: :type:string

    Data format: Array

    (
        [0] => :type:discrete
        [1] => :type:private-search
        [2] => :type:private-modify
        [3] => :type:private-display
    )

)

)

)

[1] => Array
(
    Name: Site monitoring
    Description: Whether any
    monitoring of the site is foreseen across years.
    Descriptor:
    :location:site:monitored

    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        :type:categorical

```

```

:~type:summary
[1] =>
)
)
[2] => Array
(
Name: Monitoring
author/compiler
Description: Name of
person or entity in charge of the monitoring.
Descriptor:
:~location:site:monitor
Data type: :~type:string
Data format: Array
(
[0] =>
:~type:discrete
[1] =>
:~type:full-text-03
)
)
[3] => Array
(
Name: Monitoring interval
interval in years.
Description: Monitoring
Descriptor:
:~location:site:monitor:interval
Data type: :~type:int
Data format: Array
(
[0] =>
:~type:quantitative
)
)
[4] => Array
(
Name: Conservation
actions
Description: Whether any
structured and funded in situ conservation action related to the LR
is in place at the moment of the Inventory compilation.
Descriptor:
lr:CONSERVATIONS
Data type: :~type:enum
Data format: Array
(
[0] =>
:~type:categorical

```

```

[1] =>
:type:full-text-03
[2] =>
:type:summary
)
)
[5] => Array
(
    Name: Conservation
organiser
    Description: To be
compiled if CONSERVATIONS is 'Yes'. Name of the Authority/Public
subject/Farmer organisation/Foundation that has organised the
conservation action. Free text.
    Descriptor: lr:CONORG
    Data type: :type:string
    Data format: Array
(
[0] =>
:type:discrete
[1] =>
:type:full-text-03
)
)
[6] => Array
(
    Name: Safety duplication
ex situ
    Description: State if a
sample was collected for safety duplication in gene bank. Yes or No.
    Descriptor: lr:EXSECURE
    Data type: :type:boolean
    Data format: Array
(
[0] =>
:type:discrete
)
)
)
[8] => Array
(
    Name: Remarks
    Description: The remarks field is used to add
notes or to elaborate on descriptors with value 99 or 999 (=Other).
Prefix remarks with the field name they refer to and make them follow
by a colon (:). Distinct remarks referring to different fields are
separated by semicolons (;) without space.

```

```

Descriptor: lr:REMARKS
Data type: :type:text
Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[9] => Array
  (
    Name: Taxon distribution
    Descriptor: :taxon:distribution
    Data type: :type:struct
    Data format: Array
      (
        [0] => :type:list
      )
    [children] => Array
      (
        [0] => Array
          (
            Name: Occurrence status
            Descriptor:
:taxon:occurrence-status
            Data type: :type:enum-set
            Data format: Array
              (
                [0] =>
:type:categorical
                [1] =>
:type:full-text-06
                [2] =>
:type:summary
              )
            )
          [1] => Array
            (
              Name: Occurrence notes
              Description: Notes on
              Descriptor:
:taxon:occurrence-notes
              Data type: :type:text
              Data format: Array
                (
                  [0] =>
:type:discrete
                  [1] =>
:type:full-text-03
                )
            )
          )
        )
      )
    )
  )

```

```

)
[2] => Array
(
    Name: Distribution notes
    Description: Notes on
    Descriptor:
    Data type: :type:text
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
)
[3] => Array
(
    Name: Economic Value of
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
)
[4] => Array
(
    Name: Economic value
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
)

```

taxon geographic distribution.
:taxon:distribution:notes
:type:discrete
:type:full-text-03

the Related Crop
:taxon:ecovalue
:type:discrete
:type:list
:type:full-text-03

ranking in country
:taxon:ecovalue:rank
:type:discrete
:type:full-text-03

```

[5] => Array
(
    Name: Economic Value of
the Related Crop reference
    Description: Citation of
reference source for the economic value of the related crop or any
bibliographic references related to the publication of the economic
value, the format should include the author, date, title, journal,
volume and page number or the DOI number.
    Descriptor:
:taxon:ecovalue-ref
Data type: :type:text
Data format: Array
(
    [0] =>
    [1] =>
)
)

```

```

[6] => Array
(
    Name: Continent
    Description: This
attribute holds the enumerated value describing the location
continent.
    Descriptor:
:location:continent
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)

```

```

[7] => Array
(
    Name: Country
    Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
    Descriptor:
:location:country
Data type: :type:enum
Data format: Array
(
    [0] =>
)
)

```

```

:location:full-text-06 [1] =>
:location:full-text-06 [2] =>
:location:summary )
)
[8] => Array
(
Name: Administrative unit
Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
Descriptor:
Data type: :type:enum
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
[9] => Array
(
Name: Region
Description: This
attribute holds the region name.
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[10] => Array
(
Name: Primary
administrative unit
Description: This
attribute holds the name of the primary administrative unit below the
country.

```



```

[13] => Array
(
    Name: Locality
    Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
    Descriptor:
:location:locality
    Data type: :type:string
    Data format: Array
        (
            [0] =>
            [1] =>
        )
    )
)

[10] => Array
(
    Name: Conservation
    Description: Taxon conservation actions.
    Descriptor: :taxon:conservation
    Data type: :type:struct
    Data format: Array
        (
            [0] => :type:list
        )
    [children] => Array
        (
            [0] => Array
                (
                    Name: Conservation
                    Descriptor:
                    Data type: :type:enum-set
                    Data format: Array
                        (
                            [0] =>
                            [1] =>
                            [2] =>
                        )
                )
        )
)
)

```

```

[1] => Array
(
  Name: Conservation
  Descriptor:
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)

actions in place
:taxon:conservation:in-place
:type:categorical
:type:summary

[2] => Array
(
  Name: Legislation types
  Description: Type of
  Descriptor:
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)

legislation in which the taxon is included.
:taxon:conservation:legislation
:type:categorical
:type:full-text-03
:type:summary

[3] => Array
(
  Name: Continent
  Description: This
  Descriptor:
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)

attribute holds the enumerated value describing the location
continent.
:location:continent
:type:categorical
:type:full-text-06
:type:summary

```

```

    )
    [4] => Array
    (
        Name: Country
        Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
        Descriptor:
:location:country
        Data type: :type:enum
        Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
            [2] =>
:~type:~summary
        )
    )
    [5] => Array
    (
        Name: Administrative unit
        Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
        Descriptor:
:location:admin
        Data type: :type:enum
        Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
            [2] =>
:~type:~summary
        )
    )
    [6] => Array
    (
        Name: Region
        Description: This
attribute holds the region name.
        Descriptor:
:location:region
        Data type: :type:string
        Data format: Array
        (

```

```

                                [0] =>
:type:discrete
                                [1] =>
:type:full-text-06
                                )
                                )
                                [7] => Array
                                (
                                Name: Primary
administrative unit
                                Description: This
attribute holds the name of the primary administrative unit below the
country.
                                Descriptor:
:type:admin-1
                                Data type: :type:string
                                Data format: Array
                                (
                                [0] =>
:type:administrative-unit
                                [1] =>
:type:full-text-06
                                [2] =>
:type:summary
                                )
                                )
                                [8] => Array
                                (
                                Name: Secondary
administrative unit
                                Description: This
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
                                Descriptor:
:type:admin-2
                                Data type: :type:string
                                Data format: Array
                                (
                                [0] =>
:type:administrative-unit
                                [1] =>
:type:full-text-06
                                [2] =>
:type:summary
                                )
                                )
                                [9] => Array
                                (
                                Name: Lowest
administrative unit

```

attribute holds the name of the lowest administrative unit, or local name of the location.

Description: This

:location:admin-3

Descriptor:

Data type: :type:string

Data format: Array

(

[0] =>

:type:categorical

[1] =>

:type:full-text-06

)

)

[10] => Array

(

Name: Locality

Description: This

attribute holds the description or name of the location, this might include the distance in kilometres and direction from the nearest town, village or map grid reference point.

Descriptor:

:location:locality

Data type: :type:string

Data format: Array

(

[0] =>

:type:discrete

[1] =>

:type:full-text-06

)

)

)

)

[11] => Array

(

Name: Threats

Description: Taxon threatened status.

Descriptor: :taxon:threat

Data type: :type:struct

Data format: Array

(

[0] => :type:list

)

[children] => Array

(

[0] => Array

(

Name: Red list category

```

Descriptor: iucn:category
Data type: :type:enum-set
Data format: Array
    (
        [0] =>
:type:categoryal
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)
[1] => Array
    (
        Name: Red list criteria
        Descriptor: iucn:criteria
        Data type: :type:enum-set
        Data format: Array
            (
                [0] =>
:type:categoryal
                [1] =>
:type:full-text-03
                [2] =>
:type:summary
            )
    )
)
[2] => Array
    (
        Name: Red list criteria
        Descriptor:
        Data type: :type:string
        Data format: Array
            (
                [0] =>
citation
                [1] =>
iucn:criteria-citation
            )
    )
)
[3] => Array
    (
        Name: Threats
        Descriptor: iucn:threat
        Data type: :type:enum-set
        Data format: Array
            (
Classification Scheme

```

```

:~type:~categorical
:~type:~full-text-03
:~type:~summary
)
)
[4] => Array
(
Name: NatureServe threat
Descriptor:
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
)
)
[5] => Array
(
Name: Occurrence status
Descriptor:
Data type: :~type:enum-set
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
[6] => Array
(
Name: Red list assessment
Descriptor:
Data type: :~type:enum
Data format: Array
(
[0] =>

```



```

Data format: Array
(
    [0] =>
:type:discrete
)
)
[10] => Array
(
    Name: References details
of Red List assessment
    Description: Any
bibliographic references related to the publication of the checklist,
the format should include the author, date, title, journal, volume
and page number or the DOI number.
    Descriptor:
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:list
)
)
[11] => Array
(
    Name: Threaten status
according to national criteria
    Description: Threat
status according to national criteria.
    Descriptor:
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-03
)
)
[12] => Array
(
    Name: National unit code
    Descriptor:
    Data type: :type:string
    Data format: Array
(

```

```

: type: discrete
: type: full-text-03
)
)
[13] => Array
(
Name: National unit
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
description
: taxon:threat:national:udescr
: type: discrete
: type: full-text-03
)
[14] => Array
(
Name: National unit
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
authority
: taxon:threat:national:uauth
: type: discrete
: type: full-text-03
)
[15] => Array
(
Name: Year of national
Descriptor:
Data type: :type:year
Data format: Array
(
[0] =>
)
)
red list assessment
: taxon:threat:national:year
: type: quantitative
)
)

```

```

[16] => Array
(
    Name: Period of
occurrence of threat
    Descriptor:
:taxon:threat:period
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-03
        [2] =>
:~type:~summary
    )
)

[17] => Array
(
    Name: Continent
    Description: This
attribute holds the enumerated value describing the location
continent.
    Descriptor:
:location:continent
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)

[18] => Array
(
    Name: Country
    Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
    Descriptor:
:location:country
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
    )
)

```

```

[2] =>
:type:summary
)
)
[19] => Array
(
    Name: Administrative unit
    Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
    Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
[20] => Array
(
    Name: Region
    Description: This
attribute holds the region name.
    Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[21] => Array
(
    Name: Primary
administrative unit
    Description: This
attribute holds the name of the primary administrative unit below the
country.
    Descriptor:
Data type: :type:string

```

```

Data format: Array
(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[22] => Array
(
    Name: Secondary
    Description: This
administrative unit
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
    Descriptor:
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[23] => Array
(
    Name: Lowest
    Description: This
administrative unit
attribute holds the name of the lowest administrative unit, or local
name of the location.
    Descriptor:
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-06
)
)
[24] => Array
(

```

```

Name: Locality
Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
Descriptor:
:location:locality
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
)
)
)
)
[12] => Array
(
  Name: Crossability
  Description: Crossability attributes.
  Descriptor: :taxon:cross
  Data type: :type:struct
  Data format: Array
  (
    [0] => :type:list
  )
  [children] => Array
  (
    [0] => Array
    (
      Name: List of species
      Descriptor:
      Data type: :type:string
      Data format: Array
      (
        [0] =>
        [1] =>
        [2] =>
      )
    )
  )
  [1] => Array
  (

```

```

crosses
Name: Methods used for
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
[2] => Array
(
  Name: Cross references
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:cross:references
Name: Cross references
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
:taxon:cross:references
Name: Cross references
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
[3] => Array
(
  Name: Success rate of
  Description: Percentage
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
  )
)
crosses
Name: Success rate of
Description: Percentage
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
)
:taxon:cross:success
Name: Success rate of
Description: Percentage
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
)
)
:taxon:cross:success
Name: Success rate of
Description: Percentage
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
)
)
[4] => Array
(
  Name: Population type

```

```

cross population.
:taxon:cross:population
:type:discrete

Description: Type of
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
)
)
)
)
[13] => Array
(
    Name: Superclass
    Descriptor: :taxon:superclassis
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
[14] => Array
(
    Name: Class
    Descriptor: :taxon:classis
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
[15] => Array
(
    Name: Subclass
    Descriptor: :taxon:subclassis
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)

```



```

)
[16] => Array
(
  Name: Infraclass
  Descriptor: :taxon:infraclassis
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[17] => Array
(
  Name: Parvclass
  Descriptor: :taxon:parvclassis
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[18] => Array
(
  Name: Superfamily
  Descriptor: :taxon:superfamilia
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[19] => Array
(
  Name: Family
  Descriptor: :taxon:familia
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)

```

```

)
[20] => Array
(
  Name: Family authority
  Descriptor: :taxon:familia:author
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[21] => Array
(
  Name: Subfamily
  Descriptor: :taxon:subfamilia
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[22] => Array
(
  Name: Genus
  Descriptor: :taxon:genus
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[23] => Array
(
  Name: Genus authority
  Descriptor: :taxon:genus:author
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)

```

```

[24] => Array
  (
    Name: Subgenus
    Descriptor: :taxon:subgenus
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
  )

[25] => Array
  (
    Name: Section
    Descriptor: :taxon:sectio
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
  )

[26] => Array
  (
    Name: Series
    Descriptor: :taxon:series
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
  )

[27] => Array
  (
    Name: Variety
    Descriptor: :taxon:varietas
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
  )

[28] => Array
  (
    Name: Variety authority

```

```

        Descriptor: :taxon:varietas:author
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )

[29] => Array
    (
        Name: Form
        Descriptor: :taxon:forma
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
            )
    )

[30] => Array
    (
        Name: Form authority
        Descriptor: :taxon:forma:author
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )

[31] => Array
    (
        Name: Domain
        Descriptor: :taxon:superregnum
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
                [2] => :type:summary
            )
    )

[32] => Array
    (
        Name: Kingdom
        Descriptor: :taxon:regnum
        Data type: :type:string
        Data format: Array
    )

```

```

        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[33] => Array
    (
        Name: Subkingdom
        Descriptor: :taxon:subregnum
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[34] => Array
    (
        Name: Infrakingdom or Branch
        Descriptor: :taxon:infraregnum
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[35] => Array
    (
        Name: Legion
        Descriptor: :taxon:legio
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[36] => Array
    (
        Name: Cohort
        Descriptor: :taxon:cohors
        Data type: :type:string
        Data format: Array
    )

```

```

        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[37] => Array
    (
        Name: Magnorder or Megaorder
        Descriptor: :taxon:magnordo
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[38] => Array
    (
        Name: Superorder
        Descriptor: :taxon:superordo
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[39] => Array
    (
        Name: Grandorder
        Descriptor: :taxon:grandordo
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[40] => Array
    (
        Name: Grandorder
        Descriptor: :taxon:mirordo
        Data type: :type:string
        Data format: Array
    )

```

```

        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[41] => Array
    (
        Name: Order
        Descriptor: :taxon:ordo
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[42] => Array
    (
        Name: Suborder
        Descriptor: :taxon:subordo
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[43] => Array
    (
        Name: Infraorder
        Descriptor: :taxon:infraordo
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[44] => Array
    (
        Name: Parvorder
        Descriptor: :taxon:parvordo
        Data type: :type:string
        Data format: Array
    )

```

```

        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[45] => Array
    (
        Name: Superphylum or Superdivision
        Descriptor: :taxon:superphylum
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[46] => Array
    (
        Name: Phylum or Division
        Descriptor: :taxon:phylum
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[47] => Array
    (
        Name: Subphylum
        Descriptor: :taxon:subphylum
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[48] => Array
    (
        Name: Infraphylum
        Descriptor: :taxon:infraphylum
        Data type: :type:string
        Data format: Array
    )

```



```

        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[49] => Array
    (
        Name: Microphylum
        Descriptor: :taxon:microphylum
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[50] => Array
    (
        Name: Superspecies
        Descriptor: :taxon:superspecies
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[51] => Array
    (
        Name: Species
        Descriptor: :taxon:species
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[52] => Array
    (
        Name: Species authority
        Descriptor: :taxon:species:author
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete

```

```

        [1] => :type:full-text-03
    )
)
[53] => Array
(
    Name: Subspecies
    Descriptor: :taxon:subspecies
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
    )
)
[54] => Array
(
    Name: Subspecies authority
    Descriptor: :taxon:subspecies:author
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)
[55] => Array
(
    Name: Supertribe
    Descriptor: :taxon:supertribus
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
[56] => Array
(
    Name: Tribe
    Descriptor: :taxon:tribus
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
    )
)

```

```

)
[57] => Array
(
  Name: Subtribe
  Descriptor: :taxon:subtribus
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[58] => Array
(
  Name: Taxonomic rank
  Description: This attribute holds the
enumerated value describing the rank or position in the taxonomic
hierarchy.
  Descriptor: :taxon:rank
  Data type: :type:enum
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)
[59] => Array
(
  Name: Crop
  Descriptor: :taxon:crop
  Data type: :type:enum
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
  )
)
[60] => Array
(
  Name: Chromosome number
  Descriptor: :taxon:chromosome-number
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:list

```

```

                [2] => :type:full-text-03
            )
        )
[61] => Array
(
    Name: Gene Pool
    Descriptor: :taxon:genepool
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[62] => Array
(
    Name: Gene Pool reference
    Descriptor: :taxon:genepool-ref
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:list
        )
    )
[63] => Array
(
    Name: Taxon group
    Descriptor: :taxon:group
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[64] => Array
(
    Name: Taxon group reference
    Descriptor: :taxon:group-ref
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )

```

```

    )
[65] => Array
    (
        Name: GP/TG group concept
        Descriptor: :taxon:gp/tg
        Data type: :type:text
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:list
        )
    )
[66] => Array
    (
        Name: Taxon sub-group
        Descriptor: :taxon:sub-group
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[67] => Array
    (
        Name: Taxon sub-group reference
        Descriptor: :taxon:sub-group-ref
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:list
        )
    )
[68] => Array
    (
        Name: Taxon designation
        Description: Type of taxon.
        Descriptor: :taxon:designation
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )

```

```

    )
[69] => Array
    (
        Name: Taxon designation references
        Description: Database, literature or personal
communication reference for listing of taxon as a crop wild relative
or wild utilised species.
        Descriptor: :taxon:designation:ref
        Data type: :type:text
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-03
            )
    )
[70] => Array
    (
        Name: Taxon national designation
        Descriptor: :taxon:designation:national
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
            )
    )
[71] => Array
    (
        Name: Taxon primary or prioritised uses
        Description: Designation of the primary or
prioritized use of the associated crop or the wild utilised species
taxon.
        Descriptor: :taxon:designation:use
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:list
                [2] => :type:full-text-03
            )
    )
[72] => Array
    (
        Name: Designation notes
        Description: Notes on occurrence and
designation status from databases, literature or personal
communications.
        Descriptor: :taxon:designation:notes

```

```

        Data type: :type:text
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[73] => Array
    (
        Name: Relation to crop
        Descriptor: :taxon:rel-crop
        Data type: :type:enum
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
    )
[74] => Array
    (
        Name: Associated crop taxa
        Description: Scientific names of the associated
crop to which the crop wild relative is related.
        Descriptor: :taxon:rel-crop:taxa
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[75] => Array
    (
        Name: Associated_crop_common names
        Description: The vernacular names of the
associated crop taxon to which the crop wild relative is related.
        Descriptor: :taxon:rel-crop:names
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:list
            [2] => :type:full-text-03
        )
    )
[76] => Array

```

```

(
  Name: Occurrence status
  Descriptor: :taxon:occurrence-status
  Data type: :type:enum-set
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[77] => Array
(
  Name: Scientific name
  Descriptor: :taxon:epithet
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
    )
)

[78] => Array
(
  Name: Scientific name authority
  Descriptor: :taxon:author
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:discrete
      [1] => :type:full-text-03
    )
)

[79] => Array
(
  Name: Species name
  Descriptor: :taxon:species:name
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[80] => Array
(
  Name: Intraspecific epithet

```



```

Descriptor: :taxon:infraspecies
Data type: :type:string
Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
  )
)

[81] => Array
  (
    Name: Intraspecific authority
    Descriptor: :taxon:infraspecies:author
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )

[82] => Array
  (
    Name: Valid scientific name
    Descriptor: :taxon:valid
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
      )
    )

[83] => Array
  (
    Name: Scientific name synonyms
    Descriptor: :taxon:synonym
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:list
        [2] => :type:full-text-03
      )
    )

[84] => Array
  (
    Name: Common taxon names
    Descriptor: :taxon:names
    Data type: :type:language-strings
    Data format: Array

```

```

        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[85] => Array
    (
        Name: Taxonomic reference
        Description: This attribute holds the internet
address in which the current taxon is published.
        Descriptor: :taxon:url
        Data type: :type:url
        Data format: Array
        (
            [0] => :type:discrete
        )
    )
[86] => Array
    (
        Name: Scientific name identifier
        Descriptor: :taxon:id
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
        )
    )
[87] => Array
    (
        Name: Scientific name reference
        Descriptor: :taxon:reference
        Data type: :type:url
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:list
        )
    )
[88] => Array
    (
        Name: Scientific name synonyms references
        Descriptor: :taxon:synref
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:list
        )
    )

```

```

)
[89] => Array
(
  Name: Annex 1 group
  Descriptor: :taxon:annex-1
  Data type: :type:enum
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
  )
)
[90] => Array
(
  Name: Annex 1 notes
  Descriptor: :taxon:annex-1:notes
  Data type: :type:text
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[91] => Array
(
  Name: Taxon policy notes
  Descriptor: :taxon:unit:policy:notes
  Data type: :type:text
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[92] => Array
(
  Name: Dataset
  Description: Name or code identifying the
dataset or catalogue that provided the information.
  Descriptor: :inventory:dataset
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
  )
)

```

```

    )
[93] => Array
    (
        Name: Dataset report
        Description: URL pointing to the report or
source of the dataset.
        Descriptor: :inventory:dataset:report
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )
[94] => Array
    (
        Name: Dataset notes
        Description: Notes and/or description of the
data contained in the dataset.
        Descriptor: :inventory:dataset:notes
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )
[95] => Array
    (
        Name: Inventory code
        Description: Code identifying the inventory.
        Descriptor: :inventory:code
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
                [2] => :type:summary
            )
    )
[96] => Array
    (
        Name: Inventory administrative unit
        Description: Administrative unit of the
inventory.
        Descriptor: :inventory:admin
        Data type: :type:enum
        Data format: Array

```

```
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[97] => Array
    (
        Name: Institute
        Description: This attribute holds a reference
to the institute.
        Descriptor: :inventory:institute
        Data type: :type:ref:unit
    )
)
```

Mission

Mission (descriptive format)

```
[node] => 32190
Name: Mission
Description: This structure contains all default properties of a mission.
[children] => Array
  (
    [0] => Array
      (
        Name: Dataset
        Description: Name or code identifying the dataset or catalogue that provided the information.
        Descriptor: :inventory:dataset
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
          )
        )
    [1] => Array
      (
        Name: Name
        Description: This attribute holds a string representing the name of the object. This is generally the way humans refer to the object and it is not related to a specific language.
        Descriptor: :name
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:discrete
            [1] => :type:full-text-06
          )
        )
    [2] => Array
      (
        Name: Mission identifier
        Description: This attribute holds the unique identifier of the mission.
        Descriptor: :mission:identifier
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:discrete
            [1] => :type:full-text-06
          )
        )
  )
```

```

[3] => Array
(
    Name: Mission start date
    Description: This attribute holds the mission
start date.

    Descriptor: :mission:start
    Data type: :type:date
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[4] => Array
(
    Name: Mission end date
    Description: This attribute holds the mission
end date.

    Descriptor: :mission:end
    Data type: :type:date
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[5] => Array
(
    Name: Mission documents
    Description: This attribute holds a link to the
mission documents.

    Descriptor: :mission:documents
    Data type: :type:url
    Data format: Array
    (
        [0] => :type:discrete
    )
)

[6] => Array
(
    Name: Mission notes
    Descriptor: :mission:notes
    Data type: :type:text
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)

```

```

[7] => Array
(
    Name: Collecting missions
    Description: This attribute holds the list of
collecting missions.
    Descriptor: :collecting:missions
    Data type: :type:struct
    Data format: Array
    (
        [0] => :type:list
    )

    [children] => Array
    (
        [0] => Array
        (
            Name: Country
            Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
            Descriptor:
:location:country
            Data type: :type:enum
            Data format: Array
            (
                [0] =>
:~type:~categorical
                [1] =>
:~type:~full-text-06
                [2] =>
:~type:~summary
            )
        )
    )

    [1] => Array
    (
        Name: Administrative unit
        Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
        Descriptor:
:location:admin
        Data type: :type:enum
        Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
            [2] =>
:~type:~summary
        )
    )
)

```



```

[2] => Array
(
    Name: Region
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
attribute holds the region name.
:location:region
:type:discrete
:type:full-text-06

[3] => Array
(
    Name: Collecting mission
    Description: This
    Descriptor:
    Data type: :type:ref:unit
)
attribute holds the reference to a collecting mission.
:mision:collecting

[4] => Array
(
    Name: Collecting mission
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
identifier
attribute holds the unique identifier of the collecting mission.
:mision:collecting:identifier
:type:discrete
:type:full-text-06

[5] => Array
(
    Name: Collecting mission
    Description: This
    Descriptor:
)
start date
attribute holds the collecting mission start date.
:mision:collecting:start

```

```

Data type: :type:date
Data format: Array
(
    [0] =>
:type:quantitative
)
)
[6] => Array
(
    Name: Collecting mission
end date
    Description: This
attribute holds the collecting mission end date.
    Descriptor:
:mision:collecting:end
    Data type: :type:date
    Data format: Array
(
    [0] =>
:type:quantitative
)
)
[7] => Array
(
    Name: Structure label
    Description: This
attribute holds a string which is used to identify a structure in a
list of structures that do not contain a field which can be used for
this purpose.
    Descriptor: :struct-label
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:private-search
    [2] =>
:type:private-modify
    [3] =>
:type:private-display
)
)
)
[8] => Array
(
    Name: Mission locations

```

locations touched by the mission. Description: This attribute holds the list of

Descriptor: :mission:locations

Data type: :type:struct

Data format: Array

```
(
    [0] => :type:list
)
```

[children] => Array

```
(
    [0] => Array
        (
            Name: Continent
            Description: This
```

attribute holds the enumerated value describing the location continent.

Descriptor:

:location:continent

Data type: :type:enum

Data format: Array

```
(
    [0] =>
```

:type:categorical

```
[1] =>
```

:type:full-text-06

```
[2] =>
```

:type:summary

```
)
```

```
)
```

[1] => Array

```
(
    Name: Country
    Description: This
```

attribute holds the enumerated value describing the location country. For historical reasons legacy countries are included.

Descriptor:

:location:country

Data type: :type:enum

Data format: Array

```
(
    [0] =>
```

:type:categorical

```
[1] =>
```

:type:full-text-06

```
[2] =>
```

:type:summary

```
)
```

```
)
```

[2] => Array

```
(
    Name: Administrative unit
```

attribute holds the enumerated value describing the administrative unit of the location, the code can describe either a continent, country or country subdivision.

:location:admin

:type:categorical

:type:full-text-06

:type:summary

Description: This

Descriptor:

Data type: :type:enum

Data format: Array

(
[0] =>

[1] =>

[2] =>

)

)

[3] => Array

(

Name: Region

Description: This

Descriptor:

Data type: :type:string

Data format: Array

(
[0] =>

[1] =>

)

)

[4] => Array

(

Name: Primary

Description: This

administrative unit
attribute holds the name of the primary administrative unit below the country.

Descriptor:

Data type: :type:string

Data format: Array

(
[0] =>

[1] =>

[2] =>

)

:location:admin-1

:type:categorical

:type:full-text-06

:type:summary

```

    )
    [5] => Array
    (
        Name: Secondary
        Description: This
        administrative unit
        attribute holds the name of the secondary administrative unit below
        the primary administrative unit.
        Descriptor:
        Data type: :type:string
        Data format: Array
        (
            [0] =>
            [1] =>
            [2] =>
        )
    )
    [6] => Array
    (
        Name: Lowest
        Description: This
        administrative unit
        attribute holds the name of the lowest administrative unit, or local
        name of the location.
        Descriptor:
        Data type: :type:string
        Data format: Array
        (
            [0] =>
            [1] =>
        )
    )
    [7] => Array
    (
        Name: Locality
        Description: This
        attribute holds the description or name of the location, this might
        include the distance in kilometres and direction from the nearest
        town, village or map grid reference point.
        Descriptor:
        Data type: :type:string
        Data format: Array

```

```

                                (
                                [0] =>
:type:discrete
                                [1] =>
:type:full-text-06
                                )
                                )
                                [8] => Array
                                (
                                Name: Structure label
                                Description: This
attribute holds a string which is used to identify a structure in a
list of structures that do not contain a field which can be used for
this purpose.
                                Descriptor: :struct-label
                                Data type: :type:string
                                Data format: Array
                                (
                                [0] =>
:type:discrete
                                [1] =>
:type:private-search
                                [2] =>
:type:private-modify
                                [3] =>
:type:private-display
                                )
                                )
                                )
                                [9] => Array
                                (
                                Name: Mission taxa
                                Description: This attribute holds the list of
taxa collected by the mission.
                                Descriptor: :mission:taxa
                                Data type: :type:struct
                                Data format: Array
                                (
                                [0] => :type:list
                                )
                                [children] => Array
                                (
                                [0] => Array
                                (
                                Name: Superclass
                                Descriptor:
:type:taxon:superclassis
                                Data type: :type:string

```

```

Data format: Array
(
    [0] =>
:type:categorical
:type:full-text-06
:type:summary
)
)
[1] => Array
(
    Name: Class
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
:type:full-text-06
:type:summary
        [1] =>
        [2] =>
    )
)
[2] => Array
(
    Name: Subclass
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
:type:full-text-06
:type:summary
        [1] =>
        [2] =>
    )
)
[3] => Array
(
    Name: Infraclass
    Descriptor:
    Data type: :type:string
    Data format: Array
    (

```



```

:taxon:full-text-06
:taxon:summary
)
)
[7] => Array
(
Name: Family authority
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
:taxon:familia:author
:taxon:discrete
:taxon:full-text-03
)
[8] => Array
(
Name: Subfamily
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:subfamilia
:taxon:categoryal
:taxon:full-text-06
:taxon:summary
)
[9] => Array
(
Name: Genus
Descriptor: :taxon:genus
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:categoryal
:taxon:full-text-06
:taxon:summary
)

```

```

)
[10] => Array
(
    Name: Genus authority
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

:taxon:genus:author

:type:discrete

:type:full-text-03

[11] => Array
(
    Name: Subgenus
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

:taxon:subgenus

:type:categorical

:type:full-text-06

[12] => Array
(
    Name: Section
    Descriptor: :taxon:sectio
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

:taxon:section

:type:categorical

:type:full-text-06

[13] => Array
(
    Name: Series
    Descriptor: :taxon:series
    Data type: :type:string
    Data format: Array

```

```

(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-06
)
)
[14] => Array
(
    Name: Variety
    Descriptor:
:type:varietas
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
    )
)
[15] => Array
(
    Name: Variety authority
    Descriptor:
:type:varietas:author
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-03
    )
)
[16] => Array
(
    Name: Form
    Descriptor: :taxon:forma
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
    )
)
)

```

```

[17] => Array
(
    Name: Form authority
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

:taxon:forma:author

:type:discrete

:type:full-text-03

[18] => Array
(
    Name: Domain
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:superregnum

:type:categorical

:type:full-text-06

:type:summary

[19] => Array
(
    Name: Kingdom
    Descriptor: :taxon:regnum
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)

:taxon:regnum

:type:categorical

:type:full-text-06

:type:summary

[20] => Array
(
    Name: Subkingdom
    Descriptor:
)

:taxon:subregnum

```

```

Data type: :type:string
Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-06
        [2] =>
:~type:~summary
    )
)
[21] => Array
    (
        Name: Infrakingdom or
        Descriptor:
        Data type: :type:string
        Data format: Array
            (
                [0] =>
:~type:~categorical
                [1] =>
:~type:~full-text-06
                [2] =>
:~type:~summary
            )
    )
[22] => Array
    (
        Name: Legion
        Descriptor: :taxon:legio
        Data type: :type:string
        Data format: Array
            (
                [0] =>
:~type:~categorical
                [1] =>
:~type:~full-text-06
                [2] =>
:~type:~summary
            )
    )
[23] => Array
    (
        Name: Cohort
        Descriptor: :taxon:cohors
        Data type: :type:string
        Data format: Array
            (

```

```

[0] =>
:type:categorical
[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)
[24] => Array
(
Name: Magnorder or
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
)
[25] => Array
(
Name: Superorder
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
)
[26] => Array
(
Name: Grandorder
Descriptor:
Data type: :type:string
Data format: Array
(

```

Megaorder

:taxon:magnordo

:type:categorical

:type:full-text-06

:type:summary

:taxon:superordo

:type:categorical

:type:full-text-06

:type:summary

:taxon:grandordo

```

:taxon:mirordo
  :type:summary
    [2] =>
      :type:full-text-06
      :type:categorical
    )
  )
[27] => Array
  (
    Name: Grandorder
    Descriptor:
      Data type: :type:string
      Data format: Array
      (
        [0] =>
        [1] =>
        [2] =>
      )
  )
)
[28] => Array
  (
    Name: Order
    Descriptor: :taxon:ordo
    Data type: :type:string
    Data format: Array
    (
      [0] =>
      [1] =>
      [2] =>
    )
  )
)
[29] => Array
  (
    Name: Suborder
    Descriptor:
      Data type: :type:string
      Data format: Array
      (
        [0] =>
      )
  )
)
:taxon:subordo
  :type:categorical

```



```

:~type:full-text-06
:~type:summary
)
)
[33] => Array
(
  Name: Phylum or Division
  Descriptor: :~taxon:phylum
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~type:~categorical
:~type:full-text-06
:~type:summary
)
[34] => Array
(
  Name: Subphylum
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~taxon:~subphylum
:~type:~categorical
:~type:full-text-06
:~type:summary
)
[35] => Array
(
  Name: Infraphylum
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~taxon:~infraphylum
:~type:~categorical
:~type:full-text-06

```

```

:taxon:summary
[2] =>
)
)
[36] => Array
(
Name: Microphylum
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:microphylum
:type:summary
:type:full-text-06
:type:categoryal
:type:categoryal
[37] => Array
(
Name: Superspecies
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
:taxon:superspecies
:type:full-text-06
:type:categoryal
:type:categoryal
[38] => Array
(
Name: Species
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
:taxon:species
:type:full-text-06
:type:categoryal
:type:categoryal

```

```

[39] => Array
(
    Name: Species authority
    Descriptor:

:taxon:species:author

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:discrete

        [1] =>

:type:full-text-03

    )
)

[40] => Array
(
    Name: Subspecies
    Descriptor:

:taxon:subspecies

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:categorical

        [1] =>

:type:full-text-06

    )
)

[41] => Array
(
    Name: Subspecies

authority

    Descriptor:

:taxon:subspecies:author

    Data type: :type:string
    Data format: Array
    (
        [0] =>

:type:discrete

        [1] =>

:type:full-text-03

    )
)

[42] => Array
(
    Name: Supertribe

:taxon:supertribus

    Descriptor:

    Data type: :type:string
    Data format: Array

```

```

(
    [0] =>
:type:categorycal
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[43] => Array
(
    Name: Tribe
    Descriptor: :taxon:tribus
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
    )
)
[44] => Array
(
    Name: Subtribe
    Descriptor:
:type:taxon:subtribus
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[45] => Array
(
    Name: Scientific name
    Descriptor:
:type:taxon:epithet
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
    )
)

```

```

)
)
[46] => Array
(
  Name: Scientific name
  Descriptor: :taxon:author
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
authority
:type:discrete
:type:full-text-03
[47] => Array
(
  Name: Species name
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:species:name
:type:categorical
:type:full-text-06
:type:summary
[48] => Array
(
  Name: Intraspecific
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
epithet
:taxon:infraspecies
:type:categorical
:type:full-text-06
[49] => Array

```

```

(
  Name: Intraspecific
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[50] => Array
(
  Name: Valid scientific
  Descriptor: :taxon:valid
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
[51] => Array
(
  Name: Scientific name
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
[52] => Array
(
  Name: Common taxon names
  Descriptor: :taxon:names

```

authority

:taxon:infraspecies:author

:type:discrete

:type:full-text-03

name

:type:categorical

:type:full-text-03

synonyms

:taxon:synonym

:type:categorical

:type:list

:type:full-text-03

```

Data type:
:type:language-strings
Data format: Array
(
  [0] =>
:type:categoryal
  [1] =>
:type:full-text-06
)
)
)
[10] => Array
(
  Name: Collectors
  Description: List of individuals and
organisations which cooperated in the collecting.
  Descriptor: :collecting:entities
  Data type: :type:struct
  Data format: Array
  (
    [0] => :type:list
  )
  [children] => Array
  (
    [0] => Array
      (
        Name: Collecting
institute code
        Description: The
FAO/WIEWS code of the institute which collected the accession.
        Descriptor: mcpd:COLLCODE
        Data type: :type:string
        Data format: Array
        (
          [0] =>
:type:categoryal
          [1] =>
:type:full-text-06
          [2] =>
:type:summary
        )
      )
    [1] => Array
      (
        Name: Collecting
institute name
        Descriptor:
mcpd:COLLDESCR

```

```

Data type: :type:string
Data format: Array
(
    [0] =>
:~type:discrete
    [1] =>
:~type:full-text-03
)
)
[2] => Array
(
    Name: Entity acronyms
    Description: This
attribute holds the list of acronyms used by the entity.
    Descriptor:
:~entity:acronym
    Data type: :type:string
    Data format: Array
(
    [0] =>
:~type:categorical
    [1] =>
:~type:list
    [2] =>
:~type:full-text-10
)
)
[3] => Array
(
    Name: Entity internet
addresses
    Description: This
attribute holds the entity list of internet addresses discriminated
by type.
    Descriptor: :~entity:url
    Data type: :type:typed-
list
    Data format: Array
(
    [0] =>
:~type:discrete
)
)
[4] => Array
(
    Name: Authentication code
    Description: This
attribute holds a string which identifies the entity credentials used
to authenticate with the service.

```



```

Name: Entity last name
Description: This
attribute holds a string representing the last name of the entity.
Descriptor: :entity:lname
Data type: :type:string
Data format: Array
(
  [0] =>
:~type:discrete
  [1] =>
:~type:full-text-10
)
)
[8] => Array
(
  Name: Name
  Description: This
attribute holds a string representing the name of the object. This is
generally the way humans refer to the object and it is not related to
a specific language.
  Descriptor: :name
  Data type: :type:string
  Data format: Array
  (
    [0] =>
:~type:discrete
    [1] =>
:~type:full-text-06
  )
)
[9] => Array
(
  Name: Entity identifier
  Description: This
attribute holds a string representing the identification code of the
entity.
  Descriptor:
:~entity:identifier
  Data type: :type:string
  Data format: Array
  (
    [0] =>
:~type:discrete
    [1] =>
:~type:full-text-10
  )
)
[10] => Array
(
  Name: Entity type

```

attribute holds an enumerated set describing the various types of the holding entity.

Description: This
Descriptor: :type:entity
Data type: :type:enum-set
Data format: Array

:type:categorical
:type:full-text-03
:type:summary

(
[0] =>
[1] =>
[2] =>
)

)

[11] => Array

(
Name: Entity kind
Description: This

attribute holds an enumerated set describing the various kinds of the holding entity.

Descriptor: :kind:entity
Data type: :type:enum-set
Data format: Array

:type:categorical
:type:full-text-03
:type:summary

(
[0] =>
[1] =>
[2] =>
)

)

[12] => Array

(
Name: Entity mailing

addresses

Description: This
attribute holds the entity list of mailing addresses discriminated by type.

Descriptor: :entity:mail
Data type: :type:typed-

list

Data format: Array
(
[0] =>

:type:discrete

)

)

[13] => Array

```

(
    Name: Entity electronic
mail addresses
    Description: This
attribute holds the entity list of e-mail addresses discriminated by
type.
    Descriptor: :entity:email
Data type: :type:typed-
list
    Data format: Array
(
    [0] =>
:type:discrete
)
)
[14] => Array
(
    Name: Entity telephone
numbers
    Description: This
attribute holds the entity list of telephone numbers discriminated by
type.
    Descriptor: :entity:phone
Data type: :type:typed-
list
    Data format: Array
(
    [0] =>
:type:discrete
)
)
[15] => Array
(
    Name: Entity telefax
numbers
    Description: This
attribute holds the entity list of telefax numbers discriminated by
type.
    Descriptor: :entity:fax
Data type: :type:typed-
list
    Data format: Array
(
    [0] =>
:type:discrete
)
)
[16] => Array
(
    Name: Entity telex

```

```

attribute holds the entity list of telex codes discriminated by type.
list
:type:discrete
Description: This
Descriptor: :entity:tlx
Data type: :type:typed-
Data format: Array
(
    [0] =>
)
)
[17] => Array
(
    Name: Affiliation
    Description: This
attribute holds the list of entities to which the current object is
affiliated, discriminated by type.
Descriptor:
Data type: :type:typed-
Data format: Array
(
    [0] =>
)
)
)
[18] => Array
(
    Name: Entity nationality
    Description: This
attribute holds the nationality of the entity, this is expressed as
an ISO country code.
Descriptor:
Data type: :type:enum
Data format: Array
(
    [0] =>
    [1] =>
    [2] =>
)
)
)
[19] => Array
(
    Name: Valid entity

```

attribute holds the reference to the valid, current or preferred entity. This is used to keep track of historical entity records when these entities become obsolete or defunct.

Description: This
Descriptor: :entity:valid
Data type: :type:ref:self
Data format: Array
(
 [0] =>
)

:type:discrete

)
[20] => Array
(

attribute holds a reference to the institute.

Name: Institute
Description: This
Descriptor:
Data type: :type:ref:unit
)

:inventory:institute

)
)
)

QTL

QTL (descriptive format)

[node] => 32193

Name: QTL

Description: This structure contains all default properties of a quantitative trait locus.

[children] => Array

```
(
  [0] => Array
    (
      Name: Sample
      Description: This attribute holds the reference
to a collected sample.
      Descriptor: :germplasm:sample
      Data type: :type:ref:unit
    )
  [1] => Array
    (
      Name: Accession
      Description: This attribute holds a reference
to an accession.
      Descriptor: :germplasm:accession
      Data type: :type:ref:unit
    )
  [2] => Array
    (
      Name: Germplasm identifier
      Description: This attribute holds the unique
identifier of the germplasm.
      Descriptor: :germplasm:identifier
      Data type: :type:string
      Data format: Array
        (
          [0] => :type:discrete
          [1] => :type:full-text-06
        )
    )
  [3] => Array
    (
      Name: Holding institute code
      Description: The FAO/WIEWS code of the
institute holding the accession.
      Descriptor: mcpd:INSTCODE
      Data type: :type:string
      Data format: Array
        (
          [0] => :type:categorical
          [1] => :type:full-text-10
          [2] => :type:summary
        )
    )
)
```

```

    )
[4] => Array
    (
        Name: Accession number
        Description: This code serves as a unique
identifier for accessions within a genebank collection, and is
assigned when a sample is entered into the genebank collection.
        Descriptor: mcpd:ACCENUMB
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-10
            )
    )
[5] => Array
    (
        Name: QTL identifier
        Descriptor: qtl:UNID
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-06
            )
    )
[6] => Array
    (
        Name: QTL trait names
        Descriptor: qtl:TRAITNAME
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-06
            )
    )
[7] => Array
    (
        Name: QTL names
        Descriptor: qtl:NAME
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-06
            )
    )

```



```

    )
  )
[8] => Array
  (
    Name: QTL sequence homology
    Descriptor: qtl:SEQHOM
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
[9] => Array
  (
    Name: References
    Descriptor: qtl:REF
    Data type: :type:text
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:list
        [2] => :type:full-text-03
      )
    )
[10] => Array
  (
    Name: URL links
    Descriptor: qtl:URL
    Data type: :type:url
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:list
        [2] => :type:full-text-03
      )
    )
[11] => Array
  (
    Name: QTL remarks
    Descriptor: qtl:REMARKS
    Data type: :type:text
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )

```

```

)
[12] => Array
(
  Name: QTL characteristics
  Descriptor: qtl:characteristics
  Data type: :type:struct
  Data format: Array
  (
    [0] => :type:list
  )

  [children] => Array
  (
    [0] => Array
    (
      Name: QTL number
      Descriptor:
      Data type: :type:string
      Data format: Array
      (
        [0] =>
        [1] =>
      )
    )

    [1] => Array
    (
      Name: Percentage of
      Descriptor:
      Data type: :type:string
      Data format: Array
      (
        [0] =>
        [1] =>
      )
    )

    [2] => Array
    (
      Name: LOD score
      Descriptor: qtl:LODSCORE
      Data type: :type:string
      Data format: Array
      (

```

```

:~type:discrete
:~type:full-text-03
[0] =>
[1] =>
)
)
[3] => Array
(
Name: Genetic map and QTL
Descriptor:
Data type: :~type:url
Data format: Array
(
[0] =>
)
)
mapping
qtl:GENMAPQTLMAP
:~type:discrete
[4] => Array
(
Name: Markers linked to
Descriptor: qtl:MARKLINK
Data type: :~type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
QTL
:~type:discrete
:~type:list
:~type:full-text-03
[5] => Array
(
Name: SNP sequence
Descriptor: qtl:SNP
Data type: :~type:text
Data format: Array
(
[0] =>
)
)
:~type:discrete
[6] => Array
(

```

```

description
qtl:PARENTDESCR
:~type:discrete
:~type:list
:~type:full-text-03
Name: Parental
Descriptor:
Data type: ~type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
[7] => Array
(
  Name: Parental mean
  Descriptor:
  Data type: ~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
)
[8] => Array
(
  Name: Ontology number and
  Descriptor:
  Data type: ~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
)
[9] => Array
(

```



```

Data type: :type:text
Data format: Array
      (
        [0] =>
        [1] =>
      )
)
[2] => Array
      (
        Name: Distribution notes
        Description: Notes on
        Descriptor:
        Data type: :type:text
        Data format: Array
          (
            [0] =>
            [1] =>
          )
      )
)
[3] => Array
      (
        Name: Economic Value of
        Descriptor:
        Data type: :type:string
        Data format: Array
          (
            [0] =>
            [1] =>
            [2] =>
          )
      )
)
[4] => Array
      (
        Name: Economic value
        Descriptor:
        Data type: :type:string
        Data format: Array

```

:type:discrete

:type:full-text-03

taxon geographic distribution.

:taxon:distribution:notes

:type:discrete

:type:full-text-03

the Related Crop

:taxon:ecovalue

:type:discrete

:type:list

:type:full-text-03

ranking in country

:taxon:ecovalue:rank

```

(
    [0] =>
:type:discrete
    [1] =>
:type:full-text-03
)
)
[5] => Array
(
    Name: Economic Value of
the Related Crop reference
    Description: Citation of
reference source for the economic value of the related crop or any
bibliographic references related to the publication of the economic
value, the format should include the author, date, title, journal,
volume and page number or the DOI number.
    Descriptor:
:type:ecovalue-ref
    Data type: :type:text
    Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:list
)
)
[6] => Array
(
    Name: Continent
    Description: This
attribute holds the enumerated value describing the location
continent.
    Descriptor:
:location:continent
    Data type: :type:enum
    Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[7] => Array
(
    Name: Country

```

attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.

Description: This

Descriptor:

:location:country

Data type: :type:enum

Data format: Array

(
[0] =>

:type:categorical

[1] =>

:type:full-text-06

[2] =>

:type:summary

)

)

[8] => Array

(

Name: Administrative unit

Description: This

attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.

Descriptor:

:location:admin

Data type: :type:enum

Data format: Array

(
[0] =>

:type:categorical

[1] =>

:type:full-text-06

[2] =>

:type:summary

)

)

[9] => Array

(

Name: Region

Description: This

attribute holds the region name.

Descriptor:

:location:region

Data type: :type:string

Data format: Array

(
[0] =>

:type:discrete

[1] =>

:type:full-text-06

)


```

)
[10] => Array
(
    Name: Primary
administrative unit
    Description: This
attribute holds the name of the primary administrative unit below the
country.
    Descriptor:
:location:admin-1
    Data type: :type:string
Data format: Array
(
    [0] =>
:~type:~categorical
    [1] =>
:~type:~full-text-06
    [2] =>
:~type:~summary
)
)
[11] => Array
(
    Name: Secondary
administrative unit
    Description: This
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
    Descriptor:
:location:admin-2
    Data type: :type:string
Data format: Array
(
    [0] =>
:~type:~categorical
    [1] =>
:~type:~full-text-06
    [2] =>
:~type:~summary
)
)
[12] => Array
(
    Name: Lowest
administrative unit
    Description: This
attribute holds the name of the lowest administrative unit, or local
name of the location.
    Descriptor:
:location:admin-3
    Data type: :type:string

```

```

Data format: Array
(
  [0] =>
  [1] =>
)
)
)
[13] => Array
(
  Name: Locality
  Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
)
)
[14] => Array
(
  Name: Conservation
  Description: Taxon conservation actions.
  Descriptor: :taxon:conservation
  Data type: :type:struct
  Data format: Array
  (
    [0] => :type:list
  )
  [children] => Array
  (
    [0] => Array
    (
      Name: Conservation
      Descriptor:
      Data type: :type:enum-set
      Data format: Array
      (

```

:type:categorical

:type:full-text-06

:location:locality

:type:discrete

:type:full-text-06

Actions Scheme

iucn:conservation


```

Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[4] => Array
(
    Name: Country
    Description: This
attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.
    Descriptor:
:type:enum
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[5] => Array
(
    Name: Administrative unit
    Description: This
attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.
    Descriptor:
:type:enum
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[6] => Array

```

```

(
    Name: Region
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[7] => Array
(
    Name: Primary
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
[8] => Array
(
    Name: Secondary
    Description: This
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

```

attribute holds the region name.

:location:region

:type:discrete

:type:full-text-06

administrative unit

attribute holds the name of the primary administrative unit below the country.

:location:admin-1

:type:categorical

:type:full-text-06

:type:summary

administrative unit

attribute holds the name of the secondary administrative unit below the primary administrative unit.

:location:admin-2

:type:categorical

:type:full-text-06

```

:~type:summary
[2] =>
)
)
[9] => Array
(
Name: Lowest
administrative unit
Description: This
attribute holds the name of the lowest administrative unit, or local
name of the location.
Descriptor:
:location:admin-3
Data type: :~type:string
Data format: Array
(
[0] =>
:~type:categorical
[1] =>
:~type:full-text-06
)
)
[10] => Array
(
Name: Locality
Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
Descriptor:
:location:locality
Data type: :~type:string
Data format: Array
(
[0] =>
:~type:discrete
[1] =>
:~type:full-text-06
)
)
)
[15] => Array
(
Name: Threats
Description: Taxon threatened status.
Descriptor: :~taxon:threat
Data type: :~type:struct

```

```

Data format: Array
(
    [0] => :type:list
)

[children] => Array
(
    [0] => Array
        (
            Name: Red list category
            Descriptor: iucn:category
            Data type: :type:enum-set
            Data format: Array
                (
                    [0] =>
:~type:~categorical
                    [1] =>
:~type:~full-text-03
                    [2] =>
:~type:~summary
                )
            )
        )
    [1] => Array
        (
            Name: Red list criteria
            Descriptor: iucn:criteria
            Data type: :type:enum-set
            Data format: Array
                (
                    [0] =>
:~type:~categorical
                    [1] =>
:~type:~full-text-03
                    [2] =>
:~type:~summary
                )
            )
    [2] => Array
        (
            Name: Red list criteria
            Descriptor:
            Data type: :type:string
            Data format: Array
                (
                    [0] =>
citation
                    [1] =>
iucn:criteria-citation
                )
            )

```

```

)
[3] => Array
(
  Name: Threats
  Descriptor: iucn:threat
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
Classification Scheme
:type:categorical
:type:full-text-03
:type:summary
)
[4] => Array
(
  Name: NatureServe threat
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
status code
natserve:threat:code
:type:categorical
:type:full-text-03
)
[5] => Array
(
  Name: Occurrence status
  Descriptor:
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:occurrence-status
:type:categorical
:type:full-text-06
:type:summary
)
[6] => Array

```



```

(
    Name: Red list assessment
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
)
[7] => Array
(
    Name: Other Red List
    Description: Red List
    category, criteria and subcriteria that apply to the taxon as a
    result of the Red listing process using the alternative system, if
    the taxon has not been assessed using the IUCN Red List Categories
    and Criteria Version 3.1.
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
)
[8] => Array
(
    Name: Year of IUCN Red
    List assessment
    Description: Year in
    which Red List assessment was carried out [YYYY].
    Descriptor:
    Data type: :type:int
    Data format: Array
    (
        [0] =>
    )
)
)

```

```

[9] => Array
(
    Name: URL publication
    Description: URL linking
    Descriptor:
    Data type: :type:url
    Data format: Array
    (
        [0] =>
    )
)
)

[10] => Array
(
    Name: References details
    Description: Any
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

[11] => Array
(
    Name: Threaten status
    Description: Threat
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

```

details of Red List assessment
to the additional Red List assessment publication details.
:taxon:threat:assessment:url
:type:discrete

of Red List assessment
bibliographic references related to the publication of the checklist,
the format should include the author, date, title, journal, volume
and page number or the DOI number.
:taxon:threat:assessment:ref
:type:discrete
:type:list

according to national criteria
status according to national criteria.
:taxon:threat:national
:type:discrete
:type:full-text-03

```

)
[12] => Array
(
    Name: National unit code
    Descriptor:
:taxon:threat:national:ucode
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[13] => Array
(
    Name: National unit
description
    Descriptor:
:taxon:threat:national:udescr
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[14] => Array
(
    Name: National unit
authority
    Descriptor:
:taxon:threat:national:uauth
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
[15] => Array
(
    Name: Year of national
red list assessment

```

```

:taxon:threat:national:year
Descriptor:
Data type: :type:year
Data format: Array
(
    [0] =>
)
)
)
[16] => Array
(
    Name: Period of
    Descriptor:
    Data type: :type:enum-set
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
)
[17] => Array
(
    Name: Continent
    Description: This
attribute holds the enumerated value describing the location
continent.
    Descriptor:
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
)
[18] => Array
(
    Name: Country

```

attribute holds the enumerated value describing the location country.
For historical reasons legacy countries are included.

:location:country

Description: This

Descriptor:

Data type: :type:enum

Data format: Array

(
[0] =>

:type:categorical

[1] =>

:type:full-text-06

[2] =>

:type:summary

)

)

[19] => Array

(

Name: Administrative unit

Description: This

attribute holds the enumerated value describing the administrative
unit of the location, the code can describe either a continent,
country or country subdivision.

Descriptor:

Data type: :type:enum

Data format: Array

(
[0] =>

:type:categorical

[1] =>

:type:full-text-06

[2] =>

:type:summary

)

)

[20] => Array

(

Name: Region

Description: This

attribute holds the region name.

Descriptor:

Data type: :type:string

Data format: Array

(
[0] =>

:type:discrete

[1] =>

:type:full-text-06

)

```

)
[21] => Array
(
    Name: Primary
administrative unit
    Description: This
attribute holds the name of the primary administrative unit below the
country.
    Descriptor:
:location:admin-1
    Data type: :type:string
Data format: Array
(
    [0] =>
:~type:~categorical
    [1] =>
:~type:~full-text-06
    [2] =>
:~type:~summary
)
)
[22] => Array
(
    Name: Secondary
administrative unit
    Description: This
attribute holds the name of the secondary administrative unit below
the primary administrative unit.
    Descriptor:
:location:admin-2
    Data type: :type:string
Data format: Array
(
    [0] =>
:~type:~categorical
    [1] =>
:~type:~full-text-06
    [2] =>
:~type:~summary
)
)
[23] => Array
(
    Name: Lowest
administrative unit
    Description: This
attribute holds the name of the lowest administrative unit, or local
name of the location.
    Descriptor:
:location:admin-3
    Data type: :type:string

```

```

Data format: Array
(
  [0] =>
  [1] =>
)
)
)
[24] => Array
(
  Name: Locality
  Description: This
attribute holds the description or name of the location, this might
include the distance in kilometres and direction from the nearest
town, village or map grid reference point.
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
)
)
)
)
[16] => Array
(
  Name: Crossability
  Description: Crossability attributes.
  Descriptor: :taxon:cross
  Data type: :type:struct
  Data format: Array
  (
    [0] => :type:list
  )
  [children] => Array
  (
    [0] => Array
    (
      Name: List of species
      Descriptor:
      Data type: :type:string
      Data format: Array
      (

```

:type:categorical

:type:full-text-06

:location:locality

:type:discrete

:type:full-text-06

crosses

:taxon:cross:species

```

                                [0] =>
:type:categorical
                                [1] =>
:type:list
                                [2] =>
:type:full-text-06
                                )
                                )
[1] => Array
    (
        Name: Methods used for
        Descriptor:
        Data type: :type:string
        Data format: Array
        (
                                [0] =>
                                [1] =>
                                [2] =>
        )
    )
:type:categorical
:type:list
:type:full-text-03
)
[2] => Array
    (
        Name: Cross references
        Descriptor:
        Data type: :type:string
        Data format: Array
        (
                                [0] =>
                                [1] =>
                                [2] =>
        )
    )
:type:discrete
:type:list
:type:full-text-03
)
[3] => Array
    (
        Name: Success rate of
        Description: Percentage
        Descriptor:
        Data type: :type:string
    )
crosses
(%) or evaluation of success rate for crosses.
:type:full-text-03
:taxon:cross:success

```



```

Data format: Array
(
    [0] =>
:type:discrete
)
)
[4] => Array
(
    Name: Population type
    Description: Type of
    Descriptor:
    Data type: :type:string
    Data format: Array
(
    [0] =>
:type:discrete
)
)
)
)
[17] => Array
(
    Name: Superclass
    Descriptor: :taxon:superclassis
    Data type: :type:string
    Data format: Array
(
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
)
)
[18] => Array
(
    Name: Class
    Descriptor: :taxon:classis
    Data type: :type:string
    Data format: Array
(
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
)
)
)

```

```

[19] => Array
(
  Name: Subclass
  Descriptor: :taxon:subclassis
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[20] => Array
(
  Name: Infraclass
  Descriptor: :taxon:infraclassis
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[21] => Array
(
  Name: Parvclass
  Descriptor: :taxon:parvclassis
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

[22] => Array
(
  Name: Superfamily
  Descriptor: :taxon:superfamilia
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
      [2] => :type:summary
    )
)

```

```

[23] => Array
  (
    Name: Family
    Descriptor: :taxon:familia
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[24] => Array
  (
    Name: Family authority
    Descriptor: :taxon:familia:author
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
)

[25] => Array
  (
    Name: Subfamily
    Descriptor: :taxon:subfamilia
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[26] => Array
  (
    Name: Genus
    Descriptor: :taxon:genus
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
)

[27] => Array

```

```

(
  Name: Genus authority
  Descriptor: :taxon:genus:author
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:discrete
      [1] => :type:full-text-03
    )
)

[28] => Array
(
  Name: Subgenus
  Descriptor: :taxon:subgenus
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
    )
)

[29] => Array
(
  Name: Section
  Descriptor: :taxon:sectio
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
    )
)

[30] => Array
(
  Name: Series
  Descriptor: :taxon:series
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:categorical
      [1] => :type:full-text-06
    )
)

[31] => Array
(
  Name: Variety
  Descriptor: :taxon:varietas
  Data type: :type:string

```

```

        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[32] => Array
    (
        Name: Variety authority
        Descriptor: :taxon:varietas:author
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[33] => Array
    (
        Name: Form
        Descriptor: :taxon:forma
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[34] => Array
    (
        Name: Form authority
        Descriptor: :taxon:forma:author
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[35] => Array
    (
        Name: Domain
        Descriptor: :taxon:superregnum
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )

```

```

                [2] => :type:summary
            )
        )
[36] => Array
(
    Name: Kingdom
    Descriptor: :taxon:regnum
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[37] => Array
(
    Name: Subkingdom
    Descriptor: :taxon:subregnum
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[38] => Array
(
    Name: Infrakingdom or Branch
    Descriptor: :taxon:infraregnum
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[39] => Array
(
    Name: Legion
    Descriptor: :taxon:legio
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06

```

```

        [2] => :type:summary
    )
)
[40] => Array
(
    Name: Cohort
    Descriptor: :taxon:cohors
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
[41] => Array
(
    Name: Magnorder or Megaorder
    Descriptor: :taxon:magnordo
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
[42] => Array
(
    Name: Superorder
    Descriptor: :taxon:superordo
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
[43] => Array
(
    Name: Grandorder
    Descriptor: :taxon:grandordo
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06

```

```

                [2] => :type:summary
            )
        )
[44] => Array
(
    Name: Grandorder
    Descriptor: :taxon:mirordo
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[45] => Array
(
    Name: Order
    Descriptor: :taxon:ordo
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[46] => Array
(
    Name: Suborder
    Descriptor: :taxon:subordo
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[47] => Array
(
    Name: Infraorder
    Descriptor: :taxon:infraordo
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06

```



```

                [2] => :type:summary
            )
        )
[48] => Array
(
    Name: Parvorder
    Descriptor: :taxon:parvordo
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[49] => Array
(
    Name: Superphylum or Superdivision
    Descriptor: :taxon:superphylum
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[50] => Array
(
    Name: Phylum or Division
    Descriptor: :taxon:phylum
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[51] => Array
(
    Name: Subphylum
    Descriptor: :taxon:subphylum
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06

```

```

                [2] => :type:summary
            )
        )
[52] => Array
(
    Name: Infraphylum
    Descriptor: :taxon:infraphylum
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[53] => Array
(
    Name: Microphylum
    Descriptor: :taxon:microphylum
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[54] => Array
(
    Name: Superspecies
    Descriptor: :taxon:superspecies
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[55] => Array
(
    Name: Species
    Descriptor: :taxon:species
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )

```

```

)
[56] => Array
(
  Name: Species authority
  Descriptor: :taxon:species:author
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[57] => Array
(
  Name: Subspecies
  Descriptor: :taxon:subspecies
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
  )
)
[58] => Array
(
  Name: Subspecies authority
  Descriptor: :taxon:subspecies:author
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[59] => Array
(
  Name: Supertribe
  Descriptor: :taxon:supertribus
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
  )
)

```

```

[60] => Array
(
    Name: Tribe
    Descriptor: :taxon:tribus
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )

[61] => Array
(
    Name: Subtribe
    Descriptor: :taxon:subtribus
    Data type: :type:string
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )

[62] => Array
(
    Name: Taxonomic rank
    Description: This attribute holds the
enumerated value describing the rank or position in the taxonomic
hierarchy.

    Descriptor: :taxon:rank
    Data type: :type:enum
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )

[63] => Array
(
    Name: Crop
    Descriptor: :taxon:crop
    Data type: :type:enum
    Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
    )

```

```

)
[64] => Array
(
  Name: Chromosome number
  Descriptor: :taxon:chromosome-number
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:list
    [2] => :type:full-text-03
  )
)
[65] => Array
(
  Name: Gene Pool
  Descriptor: :taxon:genepool
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:list
    [2] => :type:full-text-03
  )
)
[66] => Array
(
  Name: Gene Pool reference
  Descriptor: :taxon:genepool-ref
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:list
  )
)
[67] => Array
(
  Name: Taxon group
  Descriptor: :taxon:group
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:list
    [2] => :type:full-text-03
  )
)

```

```

[68] => Array
  (
    Name: Taxon group reference
    Descriptor: :taxon:group-ref
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
)

[69] => Array
  (
    Name: GP/TG group concept
    Descriptor: :taxon:gp/tg
    Data type: :type:text
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:list
      )
    )
)

[70] => Array
  (
    Name: Taxon sub-group
    Descriptor: :taxon:sub-group
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:list
        [2] => :type:full-text-03
      )
    )
)

[71] => Array
  (
    Name: Taxon sub-group reference
    Descriptor: :taxon:sub-group-ref
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:list
      )
    )
)

[72] => Array
  (

```

```

Name: Taxon designation
Description: Type of taxon.
Descriptor: :taxon:designation
Data type: :type:string
Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:list
        [2] => :type:full-text-03
    )
)
)
[73] => Array
    (
        Name: Taxon designation references
        Description: Database, literature or personal
communication reference for listing of taxon as a crop wild relative
or wild utilised species.
        Descriptor: :taxon:designation:ref
        Data type: :type:text
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
                [2] => :type:full-text-03
            )
        )
)
[74] => Array
    (
        Name: Taxon national designation
        Descriptor: :taxon:designation:national
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
            )
        )
)
[75] => Array
    (
        Name: Taxon primary or prioritised uses
        Description: Designation of the primary or
prioritized use of the associated crop or the wild utilised species
taxon.
        Descriptor: :taxon:designation:use
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:list
                [2] => :type:full-text-03
            )
        )
)

```

```

    )
)
[76] => Array
(
    Name: Designation notes
    Description: Notes on occurrence and
designations status from databases, literature or personal
communications.
    Descriptor: :taxon:designation:notes
    Data type: :type:text
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)
[77] => Array
(
    Name: Relation to crop
    Descriptor: :taxon:rel-crop
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)
[78] => Array
(
    Name: Associated crop taxa
    Description: Scientific names of the associated
crop to which the crop wild relative is related.
    Descriptor: :taxon:rel-crop:taxa
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:list
        [2] => :type:full-text-03
    )
)
[79] => Array
(
    Name: Associated_crop_common names
    Description: The vernacular names of the
associated crop taxon to which the crop wild relative is related.
    Descriptor: :taxon:rel-crop:names

```



```

Data type: :type:string
Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:list
    [2] => :type:full-text-03
  )
)
[80] => Array
  (
    Name: Occurrence status
    Descriptor: :taxon:occurrence-status
    Data type: :type:enum-set
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
      )
    )
[81] => Array
  (
    Name: Scientific name
    Descriptor: :taxon:epithet
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-06
      )
    )
[82] => Array
  (
    Name: Scientific name authority
    Descriptor: :taxon:author
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
[83] => Array
  (
    Name: Species name
    Descriptor: :taxon:species:name
    Data type: :type:string
    Data format: Array

```

```

        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[84] => Array
    (
        Name: Intraspecific epithet
        Descriptor: :taxon:intraspecies
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[85] => Array
    (
        Name: Intraspecific authority
        Descriptor: :taxon:intraspecies:author
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-03
        )
    )
[86] => Array
    (
        Name: Valid scientific name
        Descriptor: :taxon:valid
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
        )
    )
[87] => Array
    (
        Name: Scientific name synonyms
        Descriptor: :taxon:synonym
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:list
        )
    )

```

```

                [2] => :type:full-text-03
            )
        )
[88] => Array
    (
        Name: Common taxon names
        Descriptor: :taxon:names
        Data type: :type:language-strings
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
            )
        )
[89] => Array
    (
        Name: Taxonomic reference
        Description: This attribute holds the internet
address in which the current taxon is published.
        Descriptor: :taxon:url
        Data type: :type:url
        Data format: Array
            (
                [0] => :type:discrete
            )
        )
[90] => Array
    (
        Name: Scientific name identifier
        Descriptor: :taxon:id
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
            )
        )
[91] => Array
    (
        Name: Scientific name reference
        Descriptor: :taxon:reference
        Data type: :type:url
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:list
            )
        )
    )

```

```

[92] => Array
  (
    Name: Scientific name synonyms references
    Descriptor: :taxon:synref
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:list
      )
  )

[93] => Array
  (
    Name: Annex 1 group
    Descriptor: :taxon:annex-1
    Data type: :type:enum
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
      )
  )

[94] => Array
  (
    Name: Annex 1 notes
    Descriptor: :taxon:annex-1:notes
    Data type: :type:text
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
  )

[95] => Array
  (
    Name: Taxon policy notes
    Descriptor: :taxon:unit:policy:notes
    Data type: :type:text
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
  )

[96] => Array
  (

```

```

        Name: Dataset
        Description: Name or code identifying the
dataset or catalogue that provided the information.
        Descriptor: :inventory:dataset
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
        )
    [97] => Array
        (
            Name: Dataset report
            Description: URL pointing to the report or
source of the dataset.
            Descriptor: :inventory:dataset:report
            Data type: :type:string
            Data format: Array
                (
                    [0] => :type:discrete
                    [1] => :type:full-text-03
                )
            )
    [98] => Array
        (
            Name: Dataset notes
            Description: Notes and/or description of the
data contained in the dataset.
            Descriptor: :inventory:dataset:notes
            Data type: :type:string
            Data format: Array
                (
                    [0] => :type:discrete
                    [1] => :type:full-text-03
                )
            )
    [99] => Array
        (
            Name: Inventory code
            Description: Code identifying the inventory.
            Descriptor: :inventory:code
            Data type: :type:string
            Data format: Array
                (
                    [0] => :type:categorical
                    [1] => :type:full-text-06
                    [2] => :type:summary
                )
            )

```

```

    )
[100] => Array
(
    Name: Inventory administrative unit
    Description: Administrative unit of the
inventory.
    Descriptor: :inventory:admin
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
        [2] => :type:summary
    )
)
[101] => Array
(
    Name: Institute
    Description: This attribute holds a reference
to the institute.
    Descriptor: :inventory:institute
    Data type: :type:ref:unit
)
[102] => Array
(
    Name: Entity acronyms
    Description: This attribute holds the list of
acronyms used by the entity.
    Descriptor: :entity:acronym
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:list
        [2] => :type:full-text-10
    )
)
[103] => Array
(
    Name: Entity internet addresses
    Description: This attribute holds the entity
list of internet addresses discriminated by type.
    Descriptor: :entity:url
    Data type: :type:typed-list
    Data format: Array
    (
        [0] => :type:discrete
    )
)

```

```

)
[104] => Array
(
    Name: Authentication code
    Description: This attribute holds a string
which identifies the entity credentials used to authenticate with the
service.
    Descriptor: :connection:code
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:private-search
        [2] => :type:private-display
    )
)
[105] => Array
(
    Name: Authentication password
    Description: This attribute holds a string
which validates the entity credentials used to authenticate with the
service.
    Descriptor: :connection:pass
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:private-search
        [2] => :type:private-display
    )
)
[106] => Array
(
    Name: Entity first name
    Description: This attribute holds a string
representing the first name of the entity.
    Descriptor: :entity:fname
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-06
    )
)
[107] => Array
(
    Name: Entity last name
    Description: This attribute holds a string
representing the last name of the entity.

```

```

Descriptor: :entity:lname
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-10
    )
)

[108] => Array
    (
        Name: Name
        Description: This attribute holds a string
representing the name of the object. This is generally the way humans
refer to the object and it is not related to a specific language.
        Descriptor: :name
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-06
            )
    )

[109] => Array
    (
        Name: Entity identifier
        Description: This attribute holds a string
representing the identification code of the entity.
        Descriptor: :entity:identifier
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-10
            )
    )

[110] => Array
    (
        Name: Entity type
        Description: This attribute holds an enumerated
set describing the various types of the holding entity.
        Descriptor: :type:entity
        Data type: :type:enum-set
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
    )

```



```

[111] => Array
(
    Name: Entity kind
    Description: This attribute holds an enumerated
set describing the various kinds of the holding entity.
    Descriptor: :kind:entity
    Data type: :type:enum-set
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)

[112] => Array
(
    Name: Entity mailing addresses
    Description: This attribute holds the entity
list of mailing addresses discriminated by type.
    Descriptor: :entity:mail
    Data type: :type:typed-list
    Data format: Array
    (
        [0] => :type:discrete
    )
)

[113] => Array
(
    Name: Entity electronic mail addresses
    Description: This attribute holds the entity
list of e-mail addresses discriminated by type.
    Descriptor: :entity:email
    Data type: :type:typed-list
    Data format: Array
    (
        [0] => :type:discrete
    )
)

[114] => Array
(
    Name: Entity telephone numbers
    Description: This attribute holds the entity
list of telephone numbers discriminated by type.
    Descriptor: :entity:phone
    Data type: :type:typed-list
    Data format: Array
    (
        [0] => :type:discrete
    )
)

```

```

    )
[115] => Array
(
    Name: Entity telefax numbers
    Description: This attribute holds the entity
list of telefax numbers discriminated by type.
    Descriptor: :entity:fax
    Data type: :type:typed-list
    Data format: Array
    (
        [0] => :type:discrete
    )
)
[116] => Array
(
    Name: Entity telex
    Description: This attribute holds the entity
list of telex codes discriminated by type.
    Descriptor: :entity:tlx
    Data type: :type:typed-list
    Data format: Array
    (
        [0] => :type:discrete
    )
)
[117] => Array
(
    Name: Affiliation
    Description: This attribute holds the list of
entities to which the current object is affiliated, discriminated by
type.
    Descriptor: :entity:affiliation
    Data type: :type:typed-list
    Data format: Array
    (
        [0] => :type:discrete
    )
)
[118] => Array
(
    Name: Entity nationality
    Description: This attribute holds the
nationality of the entity, this is expressed as an ISO country code.
    Descriptor: :entity:nationality
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
    )
)

```

```

[1] => :type:full-text-03
[2] => :type:summary
)
)
[119] => Array
(
  Name: Valid entity
  Description: This attribute holds the reference
to the valid, current or preferred entity. This is used to keep track
of historical entity records when these entities become obsolete or
defunct.
  Descriptor: :entity:valid
  Data type: :type:ref:self
  Data format: Array
  (
    [0] => :type:discrete
  )
)
[120] => Array
(
  Name: Institute
  Description: This attribute holds a reference
to the institute.
  Descriptor: :inventory:institute
  Data type: :type:ref:unit
)
)

```

Trait experiment

Trial/Experiment (descriptive format)

```
[node] => 32192
Name: Trial
Description: This structure contains all default properties of a
trial or experiment.
[children] => Array
  (
    [0] => Array
      (
        Name: Dataset
        Description: Name or code identifying the
dataset or catalogue that provided the information.
        Descriptor: :inventory:dataset
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
          )
        )
    [1] => Array
      (
        Name: Dataset report
        Description: URL pointing to the report or
source of the dataset.
        Descriptor: :inventory:dataset:report
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:discrete
            [1] => :type:full-text-03
          )
        )
    [2] => Array
      (
        Name: Dataset notes
        Description: Notes and/or description of the
data contained in the dataset.
        Descriptor: :inventory:dataset:notes
        Data type: :type:string
        Data format: Array
          (
            [0] => :type:discrete
            [1] => :type:full-text-03
          )
        )
  )
```

```

[3] => Array
(
  Name: Name
  Description: This attribute holds a string
representing the name of the object. This is generally the way humans
refer to the object and it is not related to a specific language.
  Descriptor: :name
  Data type: :type:string
  Data format: Array
    (
      [0] => :type:discrete
      [1] => :type:full-text-06
    )
)

```

```

[4] => Array
(
  Name: Environment
  Description: Environmental data.
  Descriptor: :environment
  Data type: :type:struct
  [children] => Array
    (
      [0] => Array
        (
          Name: Global Environment
          Description: Global
          Descriptor: gens
          Data type: :type:string
          Data format: Array
            (
              [0] =>
              [1] =>
            )
          :type:categoryal
          :type:list
        )
      [1] => Array
        (
          Name: Climatic zone
          Descriptor: gens:clim
          Data type: :type:enum-set
          Data format: Array
            (
              [0] =>
              [1] =>
              [2] =>
            )
          :type:categoryal
          :type:full-text-03
          :type:summary
        )
    )
)

```

```

)
[2] => Array
(
  Name: Environmental zone
  Descriptor: gens:zone
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
      :type:categorical
    [1] =>
      :type:full-text-03
    [2] =>
      :type:summary
  )
)
[3] => Array
(
  Name: Global land cover
  Descriptor: globcov
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
      type
      :type:categorical
    [1] =>
      :type:full-text-03
    [2] =>
      :type:summary
  )
)
[4] => Array
(
  Name: Harmonised world
  Descriptor: hwsd
  Data type: :type:enum-set
  Data format: Array
  (
    [0] =>
      soil type
      :type:categorical
    [1] =>
      :type:full-text-03
    [2] =>
      :type:summary
  )
)
)

```

```

[5] => Array
  (
    Name: Monthly
    Description: Monthly
    Descriptor:
    Data type: :type:struct
    [children] => Array
      (
        [0] => Array
          (
            Name: January minimum precipitation
            Description: Location January minimum precipitation.
            Descriptor: :environment:precipitation:01-min
            Data type: :type:int
            Data format: Array
            (
              [0] => :type:quantitative
            )
          )
        )
      [1] => Array
        (
          Name: January mean precipitation
          Description: Location January mean precipitation.
          Descriptor: :environment:precipitation:01-mean
          Data type: :type:int
          Data format: Array
          (
            [0] => :type:quantitative
          )
        )
      [2] => Array
        (

```

Name: January maximum precipitation

Description: Location January maximum precipitation.

Descriptor: :environment:precipitation:01-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[3] => Array  
(
```

Name: February minimum precipitation

Description: Location February minimum precipitation.

Descriptor: :environment:precipitation:02-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[4] => Array  
(
```

Name: February mean precipitation

Description: Location February mean precipitation.

Descriptor: :environment:precipitation:02-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative
```



```

)

)
[5] => Array
(

Name: February maximum precipitation
Description: Location February maximum precipitation.
Descriptor: :environment:precipitation:02-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)
[6] => Array
(

Name: March minimum precipitation
Description: Location March minimum precipitation.
Descriptor: :environment:precipitation:03-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)
[7] => Array
(

Name: March mean precipitation
Description: Location March mean precipitation.
Descriptor: :environment:precipitation:03-mean

```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[8] => Array  
(
```

Name: March maximum precipitation

Description: Location March maximum precipitation.

Descriptor: :environment:precipitation:03-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[9] => Array  
(
```

Name: April minimum precipitation

Description: Location April minimum precipitation.

Descriptor: :environment:precipitation:04-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[10] => Array
```

```

(
Name: April mean precipitation
Description: Location April mean precipitation.
Descriptor: :environment:precipitation:04-mean
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
[11] => Array
(
Name: April maximum precipitation
Description: Location April maximum precipitation.
Descriptor: :environment:precipitation:04-max
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
[12] => Array
(
Name: May minimum precipitation
Description: Location May minimum precipitation.
Descriptor: :environment:precipitation:05-min
Data type: :type:int
Data format: Array
(

```

```

    [0] => :type:quantitative
)

)

[13] => Array
(

Name: May mean precipitation
Description: Location May mean precipitation.
Descriptor: :environment:precipitation:05-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[14] => Array
(

Name: May maximum precipitation
Description: Location May maximum precipitation.
Descriptor: :environment:precipitation:05-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[15] => Array
(

Name: June minimum precipitation
Description: Location June minimum precipitation.

```

Descriptor: :environment:precipitation:06-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[16] => Array  
(
```

Name: June mean precipitation

Description: Location June mean precipitation.

Descriptor: :environment:precipitation:06-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[17] => Array  
(
```

Name: June maximum precipitation

Description: Location June maximum precipitation.

Descriptor: :environment:precipitation:06-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[18] => Array  
(
```

```
Name: July minimum precipitation
```

```
Description: Location July minimum precipitation.
```

```
Descriptor: :environment:precipitation:07-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[19] => Array  
(
```

```
Name: July mean precipitation
```

```
Description: Location July mean precipitation.
```

```
Descriptor: :environment:precipitation:07-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[20] => Array  
(
```

```
Name: July maximum precipitation
```

```
Description: Location July maximum precipitation.
```

```
Descriptor: :environment:precipitation:07-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```

(
    [0] => :type:quantitative
)

)

[21] => Array
(

Name: August minimum precipitation
Description: Location August minimum precipitation.
Descriptor: :environment:precipitation:08-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[22] => Array
(

Name: August mean precipitation
Description: Location August mean precipitation.
Descriptor: :environment:precipitation:08-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[23] => Array
(

Name: August maximum precipitation

```

Description: Location August maximum precipitation.

Descriptor: :environment:precipitation:08-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[24] => Array  
(
```

Name: September minimum precipitation

Description: Location September minimum precipitation.

Descriptor: :environment:precipitation:09-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[25] => Array  
(
```

Name: September mean precipitation

Description: Location September mean precipitation.

Descriptor: :environment:precipitation:09-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```



```

)
[26] => Array
(
Name: September maximum precipitation
Description: Location September maximum precipitation.
Descriptor: :environment:precipitation:09-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[27] => Array
(
Name: October minimum precipitation
Description: Location October minimum precipitation.
Descriptor: :environment:precipitation:10-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[28] => Array
(
Name: October mean precipitation
Description: Location October mean precipitation.
Descriptor: :environment:precipitation:10-mean
Data type: :type:int

```

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[29] => Array  
(
```

Name: October maximum precipitation

Description: Location October maximum precipitation.

Descriptor: :environment:precipitation:10-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[30] => Array  
(
```

Name: November minimum precipitation

Description: Location November minimum precipitation.

Descriptor: :environment:precipitation:11-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[31] => Array  
(
```

Name: November mean precipitation

Description: Location November mean precipitation.

Descriptor: :environment:precipitation:11-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[32] => Array  
(
```

Name: November maximum precipitation

Description: Location November maximum precipitation.

Descriptor: :environment:precipitation:11-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[33] => Array  
(
```

Name: December minimum precipitation

Description: Location December minimum precipitation.

Descriptor: :environment:precipitation:12-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative
```

```

)
)
[34] => Array
(
Name: December mean precipitation
Description: Location December mean precipitation.
Descriptor: :environment:precipitation:12-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[35] => Array
(
Name: December maximum precipitation
Description: Location December maximum precipitation.
Descriptor: :environment:precipitation:12-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
)
)
[6] => Array
(
Name: Monthly temperature
Description: Monthly
temperature of location.

```

```

:environment:temperature
Descriptor:
Data type: :type:struct
[children] => Array
(
  [0] => Array
    (
Name: January minimum temperature (minimum)
Description: Location January minimum temperature (minimum).
Descriptor: :environment:temperature:01-min-min
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
[1] => Array
(
Name: January minimum temperature (mean)
Description: Location January minimum temperature (mean).
Descriptor: :environment:temperature:01-min-mean
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
)
[2] => Array
(
Name: January minimum temperature (maximum)
Description: Location January minimum temperature (maximum).
Descriptor: :environment:temperature:01-min-max

```

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

```
[3] => Array  
(
```

Name: January mean temperature (minimum)

Description: Location January mean temperature (minimum).

Descriptor: :environment:temperature:01-mean-min

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

```
[4] => Array  
(
```

Name: January mean temperature (mean)

Description: Location January mean temperature (mean).

Descriptor: :environment:temperature:01-mean-mean

Data type: :type:int

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

```
[5] => Array
```

```

(
Name: January mean temperature (maximum)
Description: Location January mean temperature (maximum).
Descriptor: :environment:temperature:01-mean-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[6] => Array
(
Name: January maximum temperature (minimum)
Description: Location January maximum temperature (minimum).
Descriptor: :environment:temperature:01-max-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[7] => Array
(
Name: January maximum temperature (mean)
Description: Location January maximum temperature (mean).
Descriptor: :environment:temperature:01-max-mean
Data type: :type:int
Data format: Array
(

```

```

    [0] => :type:quantitative
)

)

[8] => Array
(

Name: January maximum temperature (maximum)
Description: Location January maximum temperature (maximum).
Descriptor: :environment:temperature:01-max-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[9] => Array
(

Name: February minimum temperature (minimum)
Description: Location February minimum temperature (minimum).
Descriptor: :environment:temperature:02-min-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[10] => Array
(

Name: February minimum temperature (mean)
Description: Location February minimum temperature (mean).

```


Descriptor: :environment:temperature:02-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[11] => Array  
(
```

Name: February minimum temperature (maximum)

Description: Location February minimum temperature (maximum).

Descriptor: :environment:temperature:02-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[12] => Array  
(
```

Name: February mean temperature (minimum)

Description: Location February mean temperature (minimum).

Descriptor: :environment:temperature:02-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[13] => Array
      (
```

```
Name: February mean temperature (mean)
Description: Location February mean temperature (mean).
Descriptor: :environment:temperature:02-mean-mean
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
```

```
)
```

```
[14] => Array
      (
```

```
Name: February mean temperature (maximum)
Description: Location February mean temperature (maximum).
Descriptor: :environment:temperature:02-mean-max
Data type: :type:int
Data format: Array
(
  [0] => :type:quantitative
)
```

```
)
```

```
[15] => Array
      (
```

```
Name: February maximum temperature (minimum)
Description: Location February maximum temperature (minimum).
Descriptor: :environment:temperature:02-max-min
Data type: :type:int
Data format: Array
```

```

(
    [0] => :type:quantitative
)

)

[16] => Array
(
Name: February maximum temperature (mean)
Description: Location February maximum temperature (mean).
Descriptor: :environment:temperature:02-max-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[17] => Array
(
Name: February maximum temperature (maximum)
Description: Location February maximum temperature (maximum).
Descriptor: :environment:temperature:02-max-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[18] => Array
(
Name: March minimum temperature (minimum)

```

Description: Location March minimum temperature (minimum).

Descriptor: :environment:temperature:03-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[19] => Array  
(
```

Name: March minimum temperature (mean)

Description: Location March minimum temperature (mean).

Descriptor: :environment:temperature:03-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[20] => Array  
(
```

Name: March minimum temperature (maximum)

Description: Location March minimum temperature (maximum).

Descriptor: :environment:temperature:03-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```

)
[21] => Array
(
Name: March mean temperature (minimum)
Description: Location March mean temperature (minimum).
Descriptor: :environment:temperature:03-mean-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[22] => Array
(
Name: March mean temperature (mean)
Description: Location March mean temperature (mean).
Descriptor: :environment:temperature:03-mean-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[23] => Array
(
Name: March mean temperature (maximum)
Description: Location March mean temperature (maximum).
Descriptor: :environment:temperature:03-mean-max
Data type: :type:int

```

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[24] => Array  
(
```

Name: March maximum temperature (minimum)

Description: Location March maximum temperature (minimum).

Descriptor: :environment:temperature:03-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[25] => Array  
(
```

Name: March maximum temperature (mean)

Description: Location March maximum temperature (mean).

Descriptor: :environment:temperature:03-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[26] => Array  
(
```

Name: March maximum temperature (maximum)

Description: Location March maximum temperature (maximum).

Descriptor: :environment:temperature:03-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[27] => Array  
(
```

Name: April minimum temperature (minimum)

Description: Location April minimum temperature (minimum).

Descriptor: :environment:temperature:04-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[28] => Array  
(
```

Name: April minimum temperature (mean)

Description: Location April minimum temperature (mean).

Descriptor: :environment:temperature:04-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative
```

```

)
)
[29] => Array
(
Name: April minimum temperature (maximum)
Description: Location April minimum temperature (maximum).
Descriptor: :environment:temperature:04-min-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[30] => Array
(
Name: April mean temperature (minimum)
Description: Location April mean temperature (minimum).
Descriptor: :environment:temperature:04-mean-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[31] => Array
(
Name: April mean temperature (mean)
Description: Location April mean temperature (mean).
Descriptor: :environment:temperature:04-mean-mean

```


Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[32] => Array  
(
```

Name: April mean temperature (maximum)

Description: Location April mean temperature (maximum).

Descriptor: :environment:temperature:04-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[33] => Array  
(
```

Name: April maximum temperature (minimum)

Description: Location April maximum temperature (minimum).

Descriptor: :environment:temperature:04-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[34] => Array
```

```

(
Name: April maximum temperature (mean)
Description: Location April maximum temperature (mean).
Descriptor: :environment:temperature:04-max-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[35] => Array
(
Name: April maximum temperature (maximum)
Description: Location April maximum temperature (maximum).
Descriptor: :environment:temperature:04-max-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[36] => Array
(
Name: May minimum temperature (minimum)
Description: Location May minimum temperature (minimum).
Descriptor: :environment:temperature:05-min-min
Data type: :type:int
Data format: Array
(

```

```

    [0] => :type:quantitative
)

)

[37] => Array
(

Name: May minimum temperature (mean)
Description: Location May minimum temperature (mean).
Descriptor: :environment:temperature:05-min-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[38] => Array
(

Name: May minimum temperature (maximum)
Description: Location May minimum temperature (maximum).
Descriptor: :environment:temperature:05-min-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[39] => Array
(

Name: May mean temperature (minimum)
Description: Location May mean temperature (minimum).

```

Descriptor: :environment:temperature:05-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[40] => Array  
(
```

Name: May mean temperature (mean)

Description: Location May mean temperature (mean).

Descriptor: :environment:temperature:05-mean-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[41] => Array  
(
```

Name: May mean temperature (maximum)

Description: Location May mean temperature (maximum).

Descriptor: :environment:temperature:05-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[42] => Array  
(
```

```
Name: May maximum temperature (minimum)
```

```
Description: Location May maximum temperature (minimum).
```

```
Descriptor: :environment:temperature:05-max-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[43] => Array  
(
```

```
Name: May maximum temperature (mean)
```

```
Description: Location May maximum temperature (mean).
```

```
Descriptor: :environment:temperature:05-max-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[44] => Array  
(
```

```
Name: May maximum temperature (maximum)
```

```
Description: Location May maximum temperature (maximum).
```

```
Descriptor: :environment:temperature:05-max-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```

(
    [0] => :type:quantitative
)

)

[45] => Array
(

Name: June minimum temperature (minimum)
Description: Location June minimum temperature (minimum).
Descriptor: :environment:temperature:06-min-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[46] => Array
(

Name: June minimum temperature (mean)
Description: Location June minimum temperature (mean).
Descriptor: :environment:temperature:06-min-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[47] => Array
(

Name: June minimum temperature (maximum)

```

Description: Location June minimum temperature (maximum).

Descriptor: :environment:temperature:06-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[48] => Array  
(
```

Name: June mean temperature (minimum)

Description: Location June mean temperature (minimum).

Descriptor: :environment:temperature:06-mean-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[49] => Array  
(
```

Name: June mean temperature (mean)

Description: Location June mean temperature (mean).

Descriptor: :environment:temperature:06-mean-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[50] => Array
(

Name: June mean temperature (maximum)

Description: Location June mean temperature (maximum).

Descriptor: :environment:temperature:06-mean-max

Data type: :type:int

Data format: Array

(
 [0] => :type:quantitative
)

)

[51] => Array
(

Name: June maximum temperature (minimum)

Description: Location June maximum temperature (minimum).

Descriptor: :environment:temperature:06-max-min

Data type: :type:int

Data format: Array

(
 [0] => :type:quantitative
)

)

[52] => Array
(

Name: June maximum temperature (mean)

Description: Location June maximum temperature (mean).

Descriptor: :environment:temperature:06-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[53] => Array  
(
```

Name: June maximum temperature (maximum)

Description: Location June maximum temperature (maximum).

Descriptor: :environment:temperature:06-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[54] => Array  
(
```

Name: July minimum temperature (minimum)

Description: Location July minimum temperature (minimum).

Descriptor: :environment:temperature:07-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[55] => Array  
(
```

Name: July minimum temperature (mean)

Description: Location July minimum temperature (mean).

Descriptor: :environment:temperature:07-min-mean

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[56] => Array

(

Name: July minimum temperature (maximum)

Description: Location July minimum temperature (maximum).

Descriptor: :environment:temperature:07-min-max

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

)

)

[57] => Array

(

Name: July mean temperature (minimum)

Description: Location July mean temperature (minimum).

Descriptor: :environment:temperature:07-mean-min

Data type: :type:int

Data format: Array

(

[0] => :type:quantitative

```

)
)
[58] => Array
(
Name: July mean temperature (mean)
Description: Location July mean temperature (mean).
Descriptor: :environment:temperature:07-mean-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[59] => Array
(
Name: July mean temperature (maximum)
Description: Location July mean temperature (maximum).
Descriptor: :environment:temperature:07-mean-max
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[60] => Array
(
Name: July maximum temperature (minimum)
Description: Location July maximum temperature (minimum).
Descriptor: :environment:temperature:07-max-min

```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[61] => Array  
(
```

Name: July maximum temperature (mean)

Description: Location July maximum temperature (mean).

Descriptor: :environment:temperature:07-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[62] => Array  
(
```

Name: July maximum temperature (maximum)

Description: Location July maximum temperature (maximum).

Descriptor: :environment:temperature:07-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[63] => Array
```

```

(
Name: August minimum temperature (minimum)
Description: Location August minimum temperature (minimum).
Descriptor: :environment:temperature:08-min-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[64] => Array
(
Name: August minimum temperature (mean)
Description: Location August minimum temperature (mean).
Descriptor: :environment:temperature:08-min-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[65] => Array
(
Name: August minimum temperature (maximum)
Description: Location August minimum temperature (maximum).
Descriptor: :environment:temperature:08-min-max
Data type: :type:int
Data format: Array
(

```

```

    [0] => :type:quantitative
)

)

[66] => Array
(

Name: August mean temperature (minimum)
Description: Location August mean temperature (minimum).
Descriptor: :environment:temperature:08-mean-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[67] => Array
(

Name: August mean temperature (mean)
Description: Location August mean temperature (mean).
Descriptor: :environment:temperature:08-mean-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[68] => Array
(

Name: August mean temperature (maximum)
Description: Location August mean temperature (maximum).

```

Descriptor: :environment:temperature:08-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[69] => Array  
(
```

Name: August maximum temperature (minimum)

Description: Location August maximum temperature (minimum).

Descriptor: :environment:temperature:08-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[70] => Array  
(
```

Name: August maximum temperature (mean)

Description: Location August maximum temperature (mean).

Descriptor: :environment:temperature:08-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[71] => Array  
(
```

```
Name: August maximum temperature (maximum)
```

```
Description: Location August maximum temperature (maximum).
```

```
Descriptor: :environment:temperature:08-max-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[72] => Array  
(
```

```
Name: September minimum temperature (minimum)
```

```
Description: Location September minimum temperature (minimum).
```

```
Descriptor: :environment:temperature:09-min-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[73] => Array  
(
```

```
Name: September minimum temperature (mean)
```

```
Description: Location September minimum temperature (mean).
```

```
Descriptor: :environment:temperature:09-min-mean
```

```
Data type: :type:int
```

```
Data format: Array
```



```

(
    [0] => :type:quantitative
)

)

[74] => Array
(

Name: September minimum temperature (maximum)
Description: Location September minimum temperature (maximum).
Descriptor: :environment:temperature:09-min-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[75] => Array
(

Name: September mean temperature (minimum)
Description: Location September mean temperature (minimum).
Descriptor: :environment:temperature:09-mean-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[76] => Array
(

Name: September mean temperature (mean)

```

Description: Location September mean temperature (mean).

Descriptor: :environment:temperature:09-mean-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[77] => Array  
(
```

Name: September mean temperature (maximum)

Description: Location September mean temperature (maximum).

Descriptor: :environment:temperature:09-mean-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[78] => Array  
(
```

Name: September maximum temperature (minimum)

Description: Location September maximum temperature (minimum).

Descriptor: :environment:temperature:09-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

[79] => Array
(

Name: September maximum temperature (mean)

Description: Location September maximum temperature (mean).

Descriptor: :environment:temperature:09-max-mean

Data type: :type:int

Data format: Array

(
 [0] => :type:quantitative
)

)

[80] => Array
(

Name: September maximum temperature (maximum)

Description: Location September maximum temperature (maximum).

Descriptor: :environment:temperature:09-max-max

Data type: :type:int

Data format: Array

(
 [0] => :type:quantitative
)

)

[81] => Array
(

Name: October minimum temperature (minimum)

Description: Location October minimum temperature (minimum).

Descriptor: :environment:temperature:10-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[82] => Array  
(
```

Name: October minimum temperature (mean)

Description: Location October minimum temperature (mean).

Descriptor: :environment:temperature:10-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[83] => Array  
(
```

Name: October minimum temperature (maximum)

Description: Location October minimum temperature (maximum).

Descriptor: :environment:temperature:10-min-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[84] => Array  
(
```

Name: October mean temperature (minimum)

Description: Location October mean temperature (minimum).

Descriptor: :environment:temperature:10-mean-min

Data type: :type:int

Data format: Array

```
(
  [0] => :type:quantitative
)
```

```
)
```

```
[85] => Array
(
```

Name: October mean temperature (mean)

Description: Location October mean temperature (mean).

Descriptor: :environment:temperature:10-mean-mean

Data type: :type:int

Data format: Array

```
(
  [0] => :type:quantitative
)
```

```
)
```

```
[86] => Array
(
```

Name: October mean temperature (maximum)

Description: Location October mean temperature (maximum).

Descriptor: :environment:temperature:10-mean-max

Data type: :type:int

Data format: Array

```
(
  [0] => :type:quantitative
```

```

)
)
[87] => Array
(
Name: October maximum temperature (minimum)
Description: Location October maximum temperature (minimum).
Descriptor: :environment:temperature:10-max-min
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[88] => Array
(
Name: October maximum temperature (mean)
Description: Location October maximum temperature (mean).
Descriptor: :environment:temperature:10-max-mean
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[89] => Array
(
Name: October maximum temperature (maximum)
Description: Location October maximum temperature (maximum).
Descriptor: :environment:temperature:10-max-max

```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[90] => Array  
(
```

Name: November minimum temperature (minimum)

Description: Location November minimum temperature (minimum).

Descriptor: :environment:temperature:11-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[91] => Array  
(
```

Name: November minimum temperature (mean)

Description: Location November minimum temperature (mean).

Descriptor: :environment:temperature:11-min-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[92] => Array
```

```

(
Name: November minimum temperature (maximum)
Description: Location November minimum temperature (maximum).
Descriptor: :environment:temperature:11-min-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
[93] => Array
(
Name: November mean temperature (minimum)
Description: Location November mean temperature (minimum).
Descriptor: :environment:temperature:11-mean-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)
)
[94] => Array
(
Name: November mean temperature (mean)
Description: Location November mean temperature (mean).
Descriptor: :environment:temperature:11-mean-mean
Data type: :type:int
Data format: Array
(

```



```

    [0] => :type:quantitative
)

)

[95] => Array
(

Name: November mean temperature (maximum)
Description: Location November mean temperature (maximum).
Descriptor: :environment:temperature:11-mean-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[96] => Array
(

Name: November maximum temperature (minimum)
Description: Location November maximum temperature (minimum).
Descriptor: :environment:temperature:11-max-min
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[97] => Array
(

Name: November maximum temperature (mean)
Description: Location November maximum temperature (mean).

```

Descriptor: :environment:temperature:11-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[98] => Array  
(
```

Name: November maximum temperature (maximum)

Description: Location November maximum temperature (maximum).

Descriptor: :environment:temperature:11-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[99] => Array  
(
```

Name: December minimum temperature (minimum)

Description: Location December minimum temperature (minimum).

Descriptor: :environment:temperature:12-min-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[100] => Array  
(
```

```
Name: December minimum temperature (mean)
```

```
Description: Location December minimum temperature (mean).
```

```
Descriptor: :environment:temperature:12-min-mean
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[101] => Array  
(
```

```
Name: December minimum temperature (maximum)
```

```
Description: Location December minimum temperature (maximum).
```

```
Descriptor: :environment:temperature:12-min-max
```

```
Data type: :type:int
```

```
Data format: Array
```

```
(  
  [0] => :type:quantitative  
)
```

```
)
```

```
[102] => Array  
(
```

```
Name: December mean temperature (minimum)
```

```
Description: Location December mean temperature (minimum).
```

```
Descriptor: :environment:temperature:12-mean-min
```

```
Data type: :type:int
```

```
Data format: Array
```

```

(
    [0] => :type:quantitative
)

)

[103] => Array
(

Name: December mean temperature (mean)
Description: Location December mean temperature (mean).
Descriptor: :environment:temperature:12-mean-mean
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[104] => Array
(

Name: December mean temperature (maximum)
Description: Location December mean temperature (maximum).
Descriptor: :environment:temperature:12-mean-max
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[105] => Array
(

Name: December maximum temperature (minimum)

```

Description: Location December maximum temperature (minimum).

Descriptor: :environment:temperature:12-max-min

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[106] => Array  
(
```

Name: December maximum temperature (mean)

Description: Location December maximum temperature (mean).

Descriptor: :environment:temperature:12-max-mean

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[107] => Array  
(
```

Name: December maximum temperature (maximum)

Description: Location December maximum temperature (maximum).

Descriptor: :environment:temperature:12-max-max

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

```

)
)
)
[7] => Array
(
  Name: Bioclimatic
  Description: Bioclimatic
  Descriptor:
  Data type: :type:struct
  [children] => Array
    (
      [0] => Array
        (
          Name: Annual Mean Temperature
          Description: Annual mean temperature (C°).
          Descriptor: :environment:bio:01
          Data type: :type:int
          Data format: Array
          (
            [0] => :type:quantitative
          )
        )
      )
    )
  [1] => Array
    (
      Name: Mean Diurnal Range
      Description: Mean diurnal range: mean of monthly (max temp -
      min temp) (C°).
      Descriptor: :environment:bio:02
      Data type: :type:int
      Data format: Array
      (
        [0] => :type:quantitative

```

```

)
)
[2] => Array
(
Name: Isothermality
Description: Isothermality ((Mean Diurnal Range / Temperature
Annual Range) × 100).
Descriptor: :environment:bio:03
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[3] => Array
(
Name: Temperature Seasonality
Description: Temperature seasonality (standard deviation ×
100).
Descriptor: :environment:bio:04
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[4] => Array
(
Name: Maximum Temperature of Warmest Month
Description: Maximum temperature of warmest month (C°).

```

Descriptor: :environment:bio:05

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[5] => Array  
(
```

Name: Minimum Temperature of Coldest Month

Description: Minimum temperature of coldest month (C°).

Descriptor: :environment:bio:06

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[6] => Array  
(
```

Name: Temperature Annual Range

Description: Temperature annual range (Maximum Temperature of Warmest Month - Minimum Temperature of Coldest Month).

Descriptor: :environment:bio:07

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```



```

)
[7] => Array
(
Name: Mean Temperature of Wettest Quarter
Description: Mean temperature of wettest quarter (C°).
Descriptor: :environment:bio:08
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[8] => Array
(
Name: Mean Temperature of Driest Quarter
Description: Mean temperature of driest quarter (C°).
Descriptor: :environment:bio:09
Data type: :type:int
Data format: Array
(
[0] => :type:quantitative
)
)
[9] => Array
(
Name: Mean Temperature of Warmest Quarter
Description: Mean temperature of warmest quarter (C°).
Descriptor: :environment:bio:10
Data type: :type:int
Data format: Array

```

```

(
    [0] => :type:quantitative
)

)

[10] => Array
(
Name: Mean Temperature of Coldest Quarter
Description: Mean temperature of coldest quarter (C°).
Descriptor: :environment:bio:11
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[11] => Array
(
Name: Annual Precipitation
Descriptor: :environment:bio:12
Data type: :type:int
Data format: Array
(
    [0] => :type:quantitative
)

)

[12] => Array
(
Name: Precipitation of Wettest Month
Descriptor: :environment:bio:13

```

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[13] => Array  
(
```

Name: Precipitation of Driest Month

Descriptor: :environment:bio:14

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[14] => Array  
(
```

Name: Precipitation Seasonality

Description: Precipitation seasonality (Coefficient of Variation).

Descriptor: :environment:bio:15

Data type: :type:float

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[15] => Array  
(
```

Name: Precipitation of Wettest Quarter

Descriptor: :environment:bio:16

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[16] => Array  
(
```

Name: Precipitation of Driest Quarter

Descriptor: :environment:bio:17

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[17] => Array  
(
```

Name: Precipitation of Warmest Quarter

Descriptor: :environment:bio:18

Data type: :type:int

Data format: Array

```
(  
  [0] => :type:quantitative  
)
```

)

```
[18] => Array
```

```

(
  Name: Precipitation of Coldest Quarter
  Descriptor: :environment:bio:19
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)
)
)
)
[8] => Array
  (
    Name: Source of
environmental data
    Description: Information
and reference to the source of the environmental data.
    Descriptor:
:environment:source
    Data type: :type:string
    Data format: Array
      (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-03
      )
    )
  )
[9] => Array
  (
    Name: Environment tiles
    Description: Number of
tiles used in environmental data.
    Descriptor:
:environment:tiles
    Data type: :type:int
    Data format: Array
      (
        [0] =>
:type:quantitative
      )
    )
  )
)

```

```

[10] => Array
(
    Name: Environment minimum
elevation
    Description: Minimum
elevation of environmental data in meters above sea level.
    Descriptor:
:environment:elevation-min
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:~type:quantitative
    )
)

[11] => Array
(
    Name: Environment mean
elevation
    Description: Mean
elevation of environmental data in meters above sea level.
    Descriptor:
:environment:elevation-mean
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:~type:quantitative
    )
)

[12] => Array
(
    Name: Environment
maximum elevation
    Description: Maximum
elevation of environmental data in meters above sea level.
    Descriptor:
:environment:elevation-max
    Data type: :type:int
    Data format: Array
    (
        [0] =>
:~type:quantitative
    )
)

[13] => Array
(
    Name: Environment minimum
distance

```

```

distance of environmental data in meters.
:environment:distance-min
:type:quantitative
Description: Minimum
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)
)
[14] => Array
(
Name: Environment mean
Description: Mean
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)
)
distance
distance of environmental data in meters.
:environment:distance-mean
:type:quantitative
Description: Mean
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)
)
[15] => Array
(
Name: Environment
Description: Maximum
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)
)
maximnum distance
distance of environmental data in meters.
:environment:distance-max
:type:quantitative
Description: Maximum
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
)
)
[16] => Array
(
Name: Global Human
Description: The Global
Footprint
Human Footprint provides an updated map of anthropogenic impacts on
the environment in geographic projection which can be used in
wildlife conservation planning, natural resource management, and
research on human-environment interactions.

```

```

:environment:ghf
Descriptor:
Data type: :type:int
Data format: Array
(
[0] =>
:type:quantitative
[1] =>
:type:list
)
)
)
[5] => Array
(
Name: Trial code
Description: Code identifying the trial or
experiment.
Descriptor: :trial:code
Data type: :type:string
Data format: Array
(
[0] => :type:discrete
[1] => :type:full-text-06
)
)
[6] => Array
(
Name: Trial description
Description: Text describing the methods and
conditions under which the trial or experiment was conducted.
Descriptor: :trial:description
Data type: :type:text
Data format: Array
(
[0] => :type:discrete
[1] => :type:full-text-06
)
)
[7] => Array
(
Name: Trial start date
Description: This attribute holds the trial
start date.
Descriptor: :trial:start
Data type: :type:date
Data format: Array
(

```



```

                                [0] => :type:quantitative
                                )
                                )
[8] => Array
(
    Name: Trial end date
    Description: This attribute holds the trial end
date.
    Descriptor: :trial:end
    Data type: :type:date
    Data format: Array
        (
            [0] => :type:quantitative
        )
    )
[9] => Array
(
    Name: Trial measurements
    Description: This attribute holds the list of
trial or experiment measurements grouped by germplasm.
    Descriptor: :trial:measurements
    Data type: :type:struct
    Data format: Array
        (
            [0] => :type:list
        )
    [children] => Array
        (
            [0] => Array
                (
                    Name: Sample
                    Description: This
attribute holds the reference to a collected sample.
                    Descriptor:
:germplasm:sample
                    Data type: :type:ref:unit
                )
            [1] => Array
                (
                    Name: Accession
                    Description: This
attribute holds a reference to an accession.
                    Descriptor:
:germplasm:accession
                    Data type: :type:ref:unit
                )
            [2] => Array
                (

```

```

Name: Germplasm
identifier
attribute holds the unique identifier of the germplasm.
Descriptor:
:germplasm:identifier
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
)
)
[3] => Array
(
Name: Taxon distribution
Descriptor:
Data type: :type:struct
Data format: Array
(
  [0] =>
)
[children] => Array
(
  [0] => Array
    (
Name: Occurrence status
Descriptor: :taxon:occurrence-status
Data type: :type:enum-set
Data format: Array
(
  [0] => :type:categorical
  [1] => :type:full-text-06
  [2] => :type:summary
)
)
)
[1] => Array
(

```

Name: Occurrence notes

Description: Notes on taxon occurrence or status.

Descriptor: :taxon:occurrence-notes

Data type: :type:text

Data format: Array

```
(  
  [0] => :type:discrete  
  [1] => :type:full-text-03  
)
```

```
)  
[2] => Array  
(
```

Name: Distribution notes

Description: Notes on taxon geographic distribution.

Descriptor: :taxon:distribution:notes

Data type: :type:text

Data format: Array

```
(  
  [0] => :type:discrete  
  [1] => :type:full-text-03  
)
```

```
)  
[3] => Array  
(
```

Name: Economic Value of the Related Crop

Descriptor: :taxon:ecovalue

Data type: :type:string

Data format: Array

```
(
```

```
[0] => :type:discrete
[1] => :type:list
[2] => :type:full-text-03
)
```

```
)
```

```
[4] => Array
(
```

Name: Economic value ranking in country

Descriptor: :taxon:ecovalue:rank

Data type: :type:string

Data format: Array

```
(
  [0] => :type:discrete
  [1] => :type:full-text-03
)
```

```
)
```

```
[5] => Array
(
```

Name: Economic Value of the Related Crop reference

Description: Citation of reference source for the economic value of the related crop or any bibliographic references related to the publication of the economic value, the format should include the author, date, title, journal, volume and page number or the DOI number.

Descriptor: :taxon:ecovalue-ref

Data type: :type:text

Data format: Array

```
(
  [0] => :type:discrete
  [1] => :type:list
)
```

```
)  
[6] => Array  
(
```

Name: Continent

Description: This attribute holds the enumerated value describing the location continent.

Descriptor: :location:continent

Data type: :type:enum

Data format: Array

```
(  
  [0] => :type:categorical  
  [1] => :type:full-text-06  
  [2] => :type:summary  
)
```

```
)  
[7] => Array  
(
```

Name: Country

Description: This attribute holds the enumerated value describing the location country. For historical reasons legacy countries are included.

Descriptor: :location:country

Data type: :type:enum

Data format: Array

```
(  
  [0] => :type:categorical  
  [1] => :type:full-text-06  
  [2] => :type:summary  
)
```

```
)
```

```
[8] => Array  
(
```

```
Name: Administrative unit
```

```
Description: This attribute holds the enumerated value  
describing the administrative unit of the location, the code can  
describe either a continent, country or country subdivision.
```

```
Descriptor: :location:admin
```

```
Data type: :type:enum
```

```
Data format: Array
```

```
(  
  [0] => :type:categorical  
  [1] => :type:full-text-06  
  [2] => :type:summary  
)
```

```
)
```

```
[9] => Array  
(
```

```
Name: Region
```

```
Description: This attribute holds the region name.
```

```
Descriptor: :location:region
```

```
Data type: :type:string
```

```
Data format: Array
```

```
(  
  [0] => :type:discrete  
  [1] => :type:full-text-06  
)
```

```
)
```

```
[10] => Array  
(
```

```
Name: Primary administrative unit
```

Description: This attribute holds the name of the primary administrative unit below the country.

Descriptor: :location:admin-1

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:categorical  
    [1] => :type:full-text-06  
    [2] => :type:summary  
)
```

)

```
[11] => Array  
(
```

Name: Secondary administrative unit

Description: This attribute holds the name of the secondary administrative unit below the primary administrative unit.

Descriptor: :location:admin-2

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:categorical  
    [1] => :type:full-text-06  
    [2] => :type:summary  
)
```

)

```
[12] => Array  
(
```

Name: Lowest administrative unit

Description: This attribute holds the name of the lowest administrative unit, or local name of the location.

Descriptor: :location:admin-3

Data type: :type:string

Data format: Array

```
(  
  [0] => :type:categorical  
  [1] => :type:full-text-06  
)
```

)

```
[13] => Array  
(
```

Name: Locality

Description: This attribute holds the description or name of the location, this might include the distance in kilometres and direction from the nearest town, village or map grid reference point.

Descriptor: :location:locality

Data type: :type:string

Data format: Array

```
(  
  [0] => :type:discrete  
  [1] => :type:full-text-06  
)
```

)

)

)

```
[4] => Array  
(
```

Name: Conservation
Description: Taxon

conservation actions.

Descriptor:

:taxon:conservation

Data type: :type:struct
Data format: Array
(


```

:type:list
[0] =>
)
[children] => Array
(
[0] => Array
(
Name: Conservation Actions Scheme
Descriptor: iucn:conservation
Data type: :type:enum-set
Data format: Array
(
[0] => :type:categorical
[1] => :type:full-text-03
[2] => :type:summary
)
)
[1] => Array
(
Name: Conservation actions in place
Descriptor: :taxon:conservation:in-place
Data type: :type:enum
Data format: Array
(
[0] => :type:categorical
[1] => :type:summary
)
)
[2] => Array
(
Name: Legislation types

```

Description: Type of legislation in which the taxon is included.

Descriptor: :taxon:conservation:legislation

Data type: :type:enum-set

Data format: Array

```
(  
  [0] => :type:categorical  
  [1] => :type:full-text-03  
  [2] => :type:summary  
)
```

)

```
[3] => Array  
(
```

Name: Continent

Description: This attribute holds the enumerated value describing the location continent.

Descriptor: :location:continent

Data type: :type:enum

Data format: Array

```
(  
  [0] => :type:categorical  
  [1] => :type:full-text-06  
  [2] => :type:summary  
)
```

)

```
[4] => Array  
(
```

Name: Country

Description: This attribute holds the enumerated value describing the location country. For historical reasons legacy countries are included.

Descriptor: :location:country

Data type: :type:enum

Data format: Array

```
(  
    [0] => :type:categorical  
    [1] => :type:full-text-06  
    [2] => :type:summary  
)
```

)

```
[5] => Array  
(
```

Name: Administrative unit

Description: This attribute holds the enumerated value describing the administrative unit of the location, the code can describe either a continent, country or country subdivision.

Descriptor: :location:admin

Data type: :type:enum

Data format: Array

```
(  
    [0] => :type:categorical  
    [1] => :type:full-text-06  
    [2] => :type:summary  
)
```

)

```
[6] => Array  
(
```

Name: Region

Description: This attribute holds the region name.

Descriptor: :location:region

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:discrete  
    [1] => :type:full-text-06  
)
```

)

```
[7] => Array  
(
```

Name: Primary administrative unit

Description: This attribute holds the name of the primary administrative unit below the country.

Descriptor: :location:admin-1

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:categorical  
    [1] => :type:full-text-06  
    [2] => :type:summary  
)
```

)

```
[8] => Array  
(
```

Name: Secondary administrative unit

Description: This attribute holds the name of the secondary administrative unit below the primary administrative unit.

Descriptor: :location:admin-2

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:categorical
```

```
[1] => :type:full-text-06
[2] => :type:summary
)
```

```
)
```

```
[9] => Array
(
```

```
Name: Lowest administrative unit
```

```
Description: This attribute holds the name of the lowest administrative unit, or local name of the location.
```

```
Descriptor: :location:admin-3
```

```
Data type: :type:string
```

```
Data format: Array
```

```
(
  [0] => :type:categorical
  [1] => :type:full-text-06
)
```

```
)
```

```
[10] => Array
(
```

```
Name: Locality
```

```
Description: This attribute holds the description or name of the location, this might include the distance in kilometres and direction from the nearest town, village or map grid reference point.
```

```
Descriptor: :location:locality
```

```
Data type: :type:string
```

```
Data format: Array
```

```
(
  [0] => :type:discrete
  [1] => :type:full-text-06
)
```

```

)
)
)
[5] => Array
(
Name: Threats
Description: Taxon

Descriptor: :taxon:threat
Data type: :type:struct
Data format: Array
(
[0] =>

)

[children] => Array
(
[0] => Array
(

Name: Red list category

Descriptor: iucn:category

Data type: :type:enum-set

Data format: Array

(
[0] => :type:categorical
[1] => :type:full-text-03
[2] => :type:summary

)

)

[1] => Array
(

Name: Red list criteria

Descriptor: iucn:criteria

Data type: :type:enum-set

Data format: Array

(

```

```
[0] => :type:categorical
[1] => :type:full-text-03
[2] => :type:summary
)
```

```
)
[2] => Array
(
```

```
Name: Red list criteria citation
Descriptor: iucn:criteria-citation
Data type: :type:string
Data format: Array
```

```
(
  [0] => :type:categorical
  [1] => :type:full-text-03
)
```

```
)
[3] => Array
(
```

```
Name: Threats Classification Scheme
Descriptor: iucn:threat
Data type: :type:enum-set
Data format: Array
```

```
(
  [0] => :type:categorical
  [1] => :type:full-text-03
  [2] => :type:summary
)
```

```
)
[4] => Array
```

```

(
Name: NatureServe threat status code
Descriptor: natserve:threat:code
Data type: :type:string
Data format: Array
(
[0] => :type:categorical
[1] => :type:full-text-03
)
)
[5] => Array
(
Name: Occurrence status
Descriptor: :taxon:occurrence-status
Data type: :type:enum-set
Data format: Array
(
[0] => :type:categorical
[1] => :type:full-text-06
[2] => :type:summary
)
)
[6] => Array
(
Name: Red list assessment level
Descriptor: :taxon:threat:assessment
Data type: :type:enum
Data format: Array
(

```



```

    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
  )
)
[7] => Array
(

```

Name: Other Red List categories and criteria

Description: Red List category, criteria and subcriteria that apply to the taxon as a result of the Red listing process using the alternative system, if the taxon has not been assessed using the IUCN Red List Categories and Criteria Version 3.1.

Descriptor: :taxon:threat:other-red-list-criteria

Data type: :type:string

Data format: Array

```

(
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)
[8] => Array
(

```

Name: Year of IUCN Red List assessment

Description: Year in which Red List assessment was carried out [YYYY].

Descriptor: :taxon:threat:assessment:year

Data type: :type:int

Data format: Array

```

(
    [0] => :type:quantitative
  )

```

```

)
[9] => Array
(
  Name: URL publication details of Red List assessment
  Description: URL linking to the additional Red List assessment
  publication details.
  Descriptor: :taxon:threat:assessment:url
  Data type: :type:url
  Data format: Array
  (
    [0] => :type:discrete
  )
)
[10] => Array
(
  Name: References details of Red List assessment
  Description: Any bibliographic references related to the
  publication of the checklist, the format should include the author,
  date, title, journal, volume and page number or the DOI number.
  Descriptor: :taxon:threat:assessment:ref
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:list
  )
)
[11] => Array
(
  Name: Threaten status according to national criteria
  Description: Threat status according to national criteria.

```

Descriptor: :taxon:threat:national

Data type: :type:string

Data format: Array

```
(  
  [0] => :type:discrete  
  [1] => :type:full-text-03  
)
```

)

```
[12] => Array  
(
```

Name: National unit code

Descriptor: :taxon:threat:national:ucode

Data type: :type:string

Data format: Array

```
(  
  [0] => :type:discrete  
  [1] => :type:full-text-03  
)
```

)

```
[13] => Array  
(
```

Name: National unit description

Descriptor: :taxon:threat:national:udescr

Data type: :type:string

Data format: Array

```
(  
  [0] => :type:discrete  
  [1] => :type:full-text-03  
)
```

```

)
[14] => Array
(
Name: National unit authority
Descriptor: :taxon:threat:national:uauth
Data type: :type:string
Data format: Array
(
[0] => :type:discrete
[1] => :type:full-text-03
)
)
[15] => Array
(
Name: Year of national red list assessment
Descriptor: :taxon:threat:national:year
Data type: :type:year
Data format: Array
(
[0] => :type:quantitative
)
)
[16] => Array
(
Name: Period of occurrence of threat
Descriptor: :taxon:threat:period
Data type: :type:enum-set
Data format: Array
(

```

```
[0] => :type:categorical
[1] => :type:full-text-03
[2] => :type:summary
)
```

```
)
```

```
[17] => Array
(
```

Name: Continent

Description: This attribute holds the enumerated value describing the location continent.

Descriptor: :location:continent

Data type: :type:enum

Data format: Array

```
(
  [0] => :type:categorical
  [1] => :type:full-text-06
  [2] => :type:summary
)
```

```
)
```

```
[18] => Array
(
```

Name: Country

Description: This attribute holds the enumerated value describing the location country. For historical reasons legacy countries are included.

Descriptor: :location:country

Data type: :type:enum

Data format: Array

```
(
  [0] => :type:categorical
```

```

    [1] => :type:full-text-06
    [2] => :type:summary
)
)
[19] => Array
(

```

Name: Administrative unit

Description: This attribute holds the enumerated value describing the administrative unit of the location, the code can describe either a continent, country or country subdivision.

Descriptor: :location:admin

Data type: :type:enum

Data format: Array

```

(
    [0] => :type:categorical
    [1] => :type:full-text-06
    [2] => :type:summary
)

```

```

)
[20] => Array
(

```

Name: Region

Description: This attribute holds the region name.

Descriptor: :location:region

Data type: :type:string

Data format: Array

```

(
    [0] => :type:discrete
    [1] => :type:full-text-06
)

```

)

[21] => Array

(

Name: Primary administrative unit

Description: This attribute holds the name of the primary administrative unit below the country.

Descriptor: :location:admin-1

Data type: :type:string

Data format: Array

(

[0] => :type:categorical

[1] => :type:full-text-06

[2] => :type:summary

)

)

[22] => Array

(

Name: Secondary administrative unit

Description: This attribute holds the name of the secondary administrative unit below the primary administrative unit.

Descriptor: :location:admin-2

Data type: :type:string

Data format: Array

(

[0] => :type:categorical

[1] => :type:full-text-06

[2] => :type:summary

)

)

[23] => Array

```

(
    Name: Lowest administrative unit
    Description: This attribute holds the name of the lowest
administrative unit, or local name of the location.
    Descriptor: :location:admin-3
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-06
    )
)
)
[24] => Array
(
    Name: Locality
    Description: This attribute holds the description or name of
the location, this might include the distance in kilometres and
direction from the nearest town, village or map grid reference point.
    Descriptor: :location:locality
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-06
    )
)
)
)
[6] => Array
(
    Name: Crossability

```


attributes.

:type:list

Name: List of species crosses
 Descriptor: :taxon:cross:species
 Data type: :type:string
 Data format: Array
 (
 [0] => :type:categorical
 [1] => :type:list
 [2] => :type:full-text-06
)

Name: Methods used for crosses
 Descriptor: :taxon:cross:methods
 Data type: :type:string
 Data format: Array
 (
 [0] => :type:categorical
 [1] => :type:list
 [2] => :type:full-text-03
)

Description: Crossability

Descriptor: :taxon:cross
 Data type: :type:struct
 Data format: Array

(
 [0] =>
)

[children] => Array
 (
 [0] => Array
 (
 [0] =>
 [1] =>
 [2] =>
)
)

)
 [1] => Array
 (
 [0] =>
 [1] =>
 [2] =>
)

```
)  
[2] => Array  
(
```

```
Name: Cross references  
Descriptor: :taxon:cross:references  
Data type: :type:string  
Data format: Array  
(  
  [0] => :type:discrete  
  [1] => :type:list  
  [2] => :type:full-text-03  
)
```

```
)  
[3] => Array  
(
```

```
Name: Success rate of crosses  
Description: Percentage (%) or evaluation of success rate for  
crosses.  
Descriptor: :taxon:cross:success  
Data type: :type:string  
Data format: Array  
(  
  [0] => :type:discrete  
)
```

```
)  
[4] => Array  
(
```

```
Name: Population type  
Description: Type of cross population.  
Descriptor: :taxon:cross:population
```

```

Data type: :type:string
Data format: Array
(
    [0] => :type:discrete
)
)
)
)
)
[7] => Array
(
    Name: Superclass
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
:taxon:superclassis
:type:categorical
:type:full-text-06
:type:summary
[8] => Array
(
    Name: Class
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
:taxon:classis
:type:categorical
:type:full-text-06
:type:summary
[9] => Array
(
    Name: Subclass

```

```

:taxon:subclassis
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
[10] => Array
(
  Name: Infraclass
  Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
:taxon:infraclassis
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
[11] => Array
(
  Name: Parvclass
  Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
:taxon:parvclassis
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
[12] => Array
(
  Name: Superfamily
  Descriptor:
:taxon:superfamilia

```

```

Data type: :type:string
Data format: Array
(
    [0] =>
:type:categoryal
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[13] => Array
(
    Name: Family
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categoryal
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[14] => Array
(
    Name: Family authority
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-03
    )
)
[15] => Array
(
    Name: Subfamily
    Descriptor:
    Data type: :type:string
    Data format: Array
    (

```

```

:~type:~categorical
:~type:~full-text-06
:~type:~summary
[0] =>
[1] =>
[2] =>
)
)
[16] => Array
(
Name: Genus
Descriptor: :~taxon:~genus
Data type: :~type:~string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
)
[17] => Array
(
Name: Genus authority
Descriptor:
:~taxon:~genus:~author
Data type: :~type:~string
Data format: Array
(
[0] =>
[1] =>
)
)
)
[18] => Array
(
Name: Subgenus
Descriptor:
:~taxon:~subgenus
Data type: :~type:~string
Data format: Array
(
[0] =>
[1] =>
)
)
)

```

```

)
[19] => Array
(
  Name: Section
  Descriptor: :taxon:sectio
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:type:categorical
:type:full-text-06

[20] => Array
(
  Name: Series
  Descriptor: :taxon:series
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:type:categorical
:type:full-text-06

[21] => Array
(
  Name: Variety
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:taxon:varietas
:type:categorical
:type:full-text-06

[22] => Array
(
  Name: Variety authority
  Descriptor:
  Data type: :type:string
  Data format: Array

```

```

:~type:discrete
:~type:full-text-03
(
  [0] =>
  [1] =>
)
)
[23] => Array
(
  Name: Form
  Descriptor: :taxon:forma
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~type:categorical
:~type:full-text-06
[24] => Array
(
  Name: Form authority
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
  )
)
:~taxon:forma:author
:~type:discrete
:~type:full-text-03
[25] => Array
(
  Name: Domain
  Descriptor:
  Data type: :~type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:~taxon:superregnum
:~type:categorical
:~type:full-text-06
:~type:summary

```



```

)
[26] => Array
(
    Name: Kingdom
    Descriptor: :taxon:regnum
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[27] => Array
(
    Name: Subkingdom
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorycal
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[28] => Array
(
    Name: Infrakingdom or
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
Branch
:type:categorycal
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
)

```

```

[29] => Array
(
    Name: Legion
    Descriptor: :taxon:legio
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)

```

```

[30] => Array
(
    Name: Cohort
    Descriptor: :taxon:cohors
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)

```

```

[31] => Array
(
    Name: Magnorder or
Megaorder
    Descriptor:
:type:taxon:magnordo
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)

```

```

[32] => Array
(
    Name: Superorder

```

```

:taxon:superordo
:taxon:superordo
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
[33] => Array
(
  Name: Grandorder
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:grandordo
:taxon:grandordo
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
:taxon:grandordo
:taxon:grandordo
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
[34] => Array
(
  Name: Grandorder
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
:taxon:mirordo
:taxon:mirordo
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
:taxon:mirordo
:taxon:mirordo
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
[35] => Array
(
  Name: Order
  Descriptor: :taxon:ordo
  Data type: :type:string

```

```

Data format: Array
(
    [0] =>
:type:categorical
    [1] =>
:type:full-text-06
    [2] =>
:type:summary
)
)
[36] => Array
(
    Name: Suborder
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[37] => Array
(
    Name: Infraorder
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-06
        [2] =>
:type:summary
    )
)
[38] => Array
(
    Name: Parvorder
    Descriptor:
    Data type: :type:string
    Data format: Array
    (

```

```

[0] =>
:type:categorical
[1] =>
:type:full-text-06
[2] =>
:type:summary
)
)
[39] => Array
(
Superdivision
Name: Superphylum or
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
)
[40] => Array
(
Name: Phylum or Division
Descriptor: :taxon:phylum
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
)
[41] => Array
(
Name: Subphylum
Descriptor:
Data type: :type:string
Data format: Array
(
[0] =>

```

```

                                [1] =>
:type:full-text-06
                                [2] =>
:type:summary
                                )
                                )
[42] => Array
      (
        Name: Infraphylum
        Descriptor:
:type:infraphylum
        Data type: :type:string
        Data format: Array
          (
                                [0] =>
:type:categorycal
                                [1] =>
:type:full-text-06
                                [2] =>
:type:summary
          )
        )
[43] => Array
      (
        Name: Microphylum
        Descriptor:
:type:microphylum
        Data type: :type:string
        Data format: Array
          (
                                [0] =>
:type:categorycal
                                [1] =>
:type:full-text-06
                                [2] =>
:type:summary
          )
        )
[44] => Array
      (
        Name: Superspecies
        Descriptor:
:type:superspecies
        Data type: :type:string
        Data format: Array
          (
                                [0] =>
:type:categorycal
                                [1] =>
:type:full-text-06
          )
        )

```

```

)
)
[45] => Array
(
    Name: Species
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

:taxon:species
:type:categorical
:type:full-text-06

[46] => Array
(
    Name: Species authority
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

:taxon:species:author
:type:discrete
:type:full-text-03

[47] => Array
(
    Name: Subspecies
    Descriptor:

    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)

:taxon:subspecies
:type:categorical
:type:full-text-06

[48] => Array
(
    Name: Subspecies
    authority

```

```

:taxon:subspecies:author
Descriptor:
Data type: :type:string
Data format: Array
(
    [0] =>
    [1] =>
)
)
[49] => Array
(
    Name: Supertribe
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
        [2] =>
    )
)
:taxon:supertribus
Data type: :type:string
Data format: Array
:type:categorycal
:type:full-text-06
:type:summary
)
[50] => Array
(
    Name: Tribe
    Descriptor: :taxon:tribus
    Data type: :type:string
    Data format: Array
    (
        [0] =>
        [1] =>
    )
)
:taxon:categorycal
:type:full-text-06
)
[51] => Array
(
    Name: Subtribe
    Descriptor:
    Data type: :type:string
    Data format: Array
    (
        [0] =>
    )
)
:taxon:subtribus
:type:categorycal

```



```

:~type:full-text-06
:~type:summary
)
)
[52] => Array
(
  Name: Taxonomic rank
  Description: This
attribute holds the enumerated value describing the rank or position
in the taxonomic hierarchy.
  Descriptor: :taxon:rank
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
:~type:categorical
    [1] =>
:~type:full-text-06
    [2] =>
:~type:summary
  )
)
[53] => Array
(
  Name: Crop
  Descriptor: :taxon:crop
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
:~type:categorical
    [1] =>
:~type:full-text-03
    [2] =>
:~type:summary
  )
)
[54] => Array
(
  Name: Chromosome number
  Descriptor:
:~taxon:chromosome-number
  Data type: :type:string
  Data format: Array
  (
    [0] =>
:~type:discrete

```



```

)
[58] => Array
(
reference
ref
Name: Taxon group
Descriptor: :taxon:group-
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
:type:discrete
:type:full-text-03
)
[59] => Array
(
Name: GP/TG group concept
Descriptor: :taxon:gp/tg
Data type: :type:text
Data format: Array
(
[0] =>
[1] =>
)
)
:type:discrete
:type:list
)
[60] => Array
(
group
Name: Taxon sub-group
Descriptor: :taxon:sub-
Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:type:discrete
:type:list
:type:full-text-03
)
[61] => Array
(

```

```

reference
group-ref
:type:discrete
:type:list
Name: Taxon sub-group
Descriptor: :taxon:sub-
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
)
)
[62] => Array
(
  Name: Taxon designation
  Description: Type of
  Descriptor:
  Data type: :type:string
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
taxon.
:taxon:designation
:type:categorical
:type:list
:type:full-text-03
Name: Taxon designation
Description: Type of
Descriptor:
Data type: :type:string
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)
[63] => Array
(
  Name: Taxon designation
  Description: Database,
  literature or personal communication reference for listing of taxon
  as a crop wild relative or wild utilised species.
  Descriptor:
  Data type: :type:text
  Data format: Array
  (
    [0] =>
    [1] =>
    [2] =>
  )
)
references
:taxon:designation:ref
:type:discrete
:type:list
:type:full-text-03
Name: Taxon designation
Description: Database,
literature or personal communication reference for listing of taxon
as a crop wild relative or wild utilised species.
Descriptor:
Data type: :type:text
Data format: Array
(
  [0] =>
  [1] =>
  [2] =>
)
)

```

```

[64] => Array
(
    Name: Taxon national
designation
    Descriptor:
:taxon:designation:national
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~full-text-03
    )
)

[65] => Array
(
    Name: Taxon primary or
prioritised uses
    Description: Designation
of the primary or prioritized use of the associated crop or the wild
utilised species taxon.
    Descriptor:
:taxon:designation:use
    Data type: :type:string
    Data format: Array
    (
        [0] =>
:~type:~categorical
        [1] =>
:~type:~list
        [2] =>
:~type:~full-text-03
    )
)

[66] => Array
(
    Name: Designation notes
    Description: Notes on
occurrence and designation status from databases, literature or
personal communications.
    Descriptor:
:taxon:designation:notes
    Data type: :type:text
    Data format: Array
    (
        [0] =>
:~type:~discrete
        [1] =>
:~type:~full-text-03
    )
)

```

```

)
[67] => Array
(
  Name: Relation to crop
  Descriptor: :taxon:rel-
crop
  Data type: :type:enum
  Data format: Array
  (
    [0] =>
:type:categorical
    [1] =>
:type:full-text-03
    [2] =>
:type:summary
  )
)
[68] => Array
(
  Name: Associated crop
  Description: Scientific
  names of the associated crop to which the crop wild relative is
  related.
  Descriptor: :taxon:rel-
crop:taxa
  Data type: :type:string
  Data format: Array
  (
    [0] =>
:type:categorical
    [1] =>
:type:list
    [2] =>
:type:full-text-03
  )
)
[69] => Array
(
  Name:
Associated_crop_common names
  Description: The
  vernacular names of the associated crop taxon to which the crop wild
  relative is related.
  Descriptor: :taxon:rel-
crop:names
  Data type: :type:string
  Data format: Array
  (

```



```

)
)
[73] => Array
(
Name: Species name
Descriptor:

Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
[2] =>
)
)
:taxon:species:name
:type:categorical
:type:full-text-06
:type:summary

[74] => Array
(
Name: Intraspecific
Descriptor:

Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
epithet
:taxon:intraspecies
:type:categorical
:type:full-text-06

[75] => Array
(
Name: Intraspecific
Descriptor:

Data type: :type:string
Data format: Array
(
[0] =>
[1] =>
)
)
authority
:taxon:intraspecies:author
:type:discrete
:type:full-text-03
)
)

```



```

[76] => Array
(
    Name: Valid scientific
name
    Descriptor: :taxon:valid
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-03
        )
    )

[77] => Array
(
    Name: Scientific name
synonyms
    Descriptor:
:~taxon:~synonym
    Data type: :type:string
    Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~list
            [2] =>
:~type:~full-text-03
        )
    )

[78] => Array
(
    Name: Common taxon names
    Descriptor: :taxon:names
    Data type:
:~type:~language-strings
    Data format: Array
        (
            [0] =>
:~type:~categorical
            [1] =>
:~type:~full-text-06
        )
    )

[79] => Array
(
    Name: Taxonomic reference

```

attribute holds the internet address in which the current taxon is published.

Description: This
Descriptor: :taxon:url
Data type: :type:url
Data format: Array

:type:discrete

(
[0] =>
)

)

[80] => Array

identifier

(
Name: Scientific name

Descriptor: :taxon:id
Data type: :type:string
Data format: Array

:type:discrete

(
[0] =>
)

)

[81] => Array

reference

(
Name: Scientific name

Descriptor:

Data type: :type:url
Data format: Array

:taxon:reference

:type:discrete

(
[0] =>
[1] =>

:type:list

)

)

[82] => Array

synonyms references

(
Name: Scientific name

Descriptor: :taxon:synref
Data type: :type:string
Data format: Array

:type:discrete

(
[0] =>
[1] =>

:type:list

```

)
)
[83] => Array
(
    Name: Annex 1 group
    Descriptor: :taxon:annex-
1
    Data type: :type:enum
    Data format: Array
    (
        [0] =>
:type:categorical
        [1] =>
:type:full-text-03
        [2] =>
:type:summary
    )
)
[84] => Array
(
    Name: Annex 1 notes
    Descriptor: :taxon:annex-
1:notes
    Data type: :type:text
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-03
    )
)
[85] => Array
(
    Name: Taxon policy notes
    Descriptor:
:taxon:unit:policy:notes
    Data type: :type:text
    Data format: Array
    (
        [0] =>
:type:discrete
        [1] =>
:type:full-text-03
    )
)
[86] => Array
(

```

```

Name: Structure label
Description: This
attribute holds a string which is used to identify a structure in a
list of structures that do not contain a field which can be used for
this purpose.

Descriptor: :struct-label
Data type: :type:string
Data format: Array
(
    [0] =>
:type:discrete
    [1] =>
:type:private-search
    [2] =>
:type:private-modify
    [3] =>
:type:private-display
)
)
)
)
[10] => Array
(
    Name: Elevation
    Description: This attribute holds the location
elevation in meters, positive values indicate above the sea level and
negative values indicate below sea level. For areas, this attribute
should hold the mean elevation.
    Descriptor: :location:site:elevation
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
[11] => Array
(
    Name: Minimum elevation
    Description: This attribute holds the location
minimum elevation in meters, positive values indicate above the sea
level and negative values indicate below sea level.
    Descriptor: :location:site:elevation:min
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)
)

```

```

[12] => Array
(
    Name: Maximum elevation
    Description: This attribute holds the location
maximum elevation in meters, positive values indicate above the sea
level and negative values indicate below sea level.
    Descriptor: :location:site:elevation:max
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[13] => Array
(
    Name: Elevation uncertainty
    Description: This attribute holds the location
elevation uncertainty in meters, positive values indicate above the
sea level and negative values indicate below sea level.
    Descriptor: :location:site:elevation:error
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[14] => Array
(
    Name: Datum
    Description: Datum of the projection used to
obtain the coordinates. If not provided 'WGS 1984' will be used. A
horizontal geodetic datum based on an ellipsoid that has its origin
at the earth's center of mass. Examples are the World Geodetic System
of 1984, the North American Datum of 1983, and the Geodetic Datum of
Australia of 1994. The first uses the WGS84 ellipsoid; the latter two
use the GRS80 ellipsoid.
    Descriptor: :location:site:datum
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)

[15] => Array
(
    Name: Decimal latitude
    Description: This attribute holds the location
latitude in decimal degrees.

```

```

Descriptor: :location:site:latitude
Data type: :type:float
Data format: Array
    (
        [0] => :type:quantitative
    )
)

[16] => Array
    (
        Name: Provided latitude
        Description: This attribute holds the location
latitude as it was provided.
        Descriptor: :location:site:latitude:provided
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
            )
    )

[17] => Array
    (
        Name: Degrees of latitude
        Description: This attribute holds the location
latitude degrees.
        Descriptor: :location:site:latitude:deg
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

[18] => Array
    (
        Name: Minutes of latitude
        Description: This attribute holds the location
latitude minutes.
        Descriptor: :location:site:latitude:min
        Data type: :type:float
        Data format: Array
            (
                [0] => :type:discrete
            )
    )

[19] => Array
    (
        Name: Seconds of latitude
        Description: This attribute holds the location
latitude seconds.

```

```

Descriptor: :location:site:latitude:sec
Data type: :type:float
Data format: Array
    (
        [0] => :type:discrete
    )
)
[20] => Array
    (
        Name: Latitude hemisphere
        Description: This attribute holds the location
latitude hemisphere, accepted values are N for North and S for South.
        Descriptor: :location:site:latitude:hem
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
            )
        )
[21] => Array
    (
        Name: Latitude uncertainty
        Description: This attribute holds the location
latitude uncertainty in meters.
        Descriptor: :location:site:latitude:error
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )
[22] => Array
    (
        Name: Decimal longitude
        Description: This attribute holds the location
longitude in decimal degrees.
        Descriptor: :location:site:longitude
        Data type: :type:float
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )
[23] => Array
    (
        Name: Provided longitude
        Description: This attribute holds the location
longitude as it was provided.

```

```

Descriptor: :location:site:longitude:provided
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
    )
)

[24] => Array
    (
        Name: Degrees of longitude
        Description: This attribute holds the location
longitude degrees.
        Descriptor: :location:site:longitude:deg
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )
)

[25] => Array
    (
        Name: Minutes of longitude
        Description: This attribute holds the location
longitude minutes.
        Descriptor: :location:site:longitude:min
        Data type: :type:float
        Data format: Array
            (
                [0] => :type:discrete
            )
        )
)

[26] => Array
    (
        Name: Seconds of longitude
        Description: This attribute holds the location
longitude seconds.
        Descriptor: :location:site:longitude:sec
        Data type: :type:float
        Data format: Array
            (
                [0] => :type:discrete
            )
        )
)

[27] => Array
    (
        Name: Longitude hemisphere
        Description: This attribute holds the location
longitude hemisphere, accepted values are E for East and W for West.
    )
)

```



```

Descriptor: :location:site:longitude:hem
Data type: :type:string
Data format: Array
    (
        [0] => :type:categorical
    )
)
[28] => Array
    (
        Name: Longitude uncertainty
        Description: This attribute holds the location
longitude uncertainty in meters.
        Descriptor: :location:site:longitude:error
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )
[29] => Array
    (
        Name: Maximum error distance
        Descriptor: :location:site:error
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )
[30] => Array
    (
        Name: Coordinates restricted
        Description: This attribute indicates whether
the coordinates may or may not be published.
        Descriptor: :location:site:coordinates-
restricted
        Data type: :type:boolean
        Data format: Array
            (
                [0] => :type:discrete
            )
        )
[31] => Array
    (
        Name: Nearest named place
        Description: Name of nearest place to site.
This also refers to places that may not have proper names (i.e. road
junctions).

```

```

Descriptor: :location:near-place
Data type: :type:string
Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)

[32] => Array
    (
        Name: Distance from nearest named place
        Description: Distance from nearest named place
to site in meters.
        Descriptor: :location:near-dist
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )

[33] => Array
    (
        Name: Direction from nearest named place
        Description: Direction of site from nearest
named place in degrees relative to North.
        Descriptor: :location:near-dir
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
        )

[34] => Array
    (
        Name: Continent
        Description: This attribute holds the
enumerated value describing the location continent.
        Descriptor: :location:continent
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
                [2] => :type:summary
            )
        )

[35] => Array
    (

```

Name: Country
Description: This attribute holds the enumerated value describing the location country. For historical reasons legacy countries are included.

Descriptor: :location:country

Data type: :type:enum

Data format: Array

```
(  
    [0] => :type:categorical  
    [1] => :type:full-text-06  
    [2] => :type:summary  
)
```

)

[36] => Array

(

Name: Administrative unit

Description: This attribute holds the enumerated value describing the administrative unit of the location, the code can describe either a continent, country or country subdivision.

Descriptor: :location:admin

Data type: :type:enum

Data format: Array

```
(  
    [0] => :type:categorical  
    [1] => :type:full-text-06  
    [2] => :type:summary  
)
```

)

[37] => Array

(

Name: Georeference date

Descriptor: :location:site:georeference-date

Data type: :type:date

Data format: Array

```
(  
    [0] => :type:quantitative  
)
```

)

[38] => Array

(

Name: Georeference contact

Descriptor: :location:site:georeference-contact

Data type: :type:string

Data format: Array

```
(  
    [0] => :type:discrete  
    [1] => :type:full-text-03  
)
```

```

    )
[39] => Array
    (
        Name: Georeference source
        Descriptor: :location:site:georeference-source
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )
[40] => Array
    (
        Name: Georeferencing method
        Descriptor: :location:site:georeference-method
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
    )
[41] => Array
    (
        Name: Georeference tool
        Descriptor: :location:site:georeference-tool
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
            )
    )
[42] => Array
    (
        Name: Georeference latitude
        Description: This attribute holds the location
georeference latitude in decimal degrees.
        Descriptor: :location:site:georeference-
latitude
        Data type: :type:float
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )

```

```

[43] => Array
(
  Name: Georeference longitude
  Description: This attribute holds the location
georeference longitude in decimal degrees.
  Descriptor: :location:site:georeference-
longitude
  Data type: :type:float
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

[44] => Array
(
  Name: Georeference error
  Descriptor: :location:site:georeference-error
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

[45] => Array
(
  Name: Georeference original coordinate
  Descriptor: :location:site:georeference-old
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
  )
)

[46] => Array
(
  Name: Georeference notes
  Descriptor: :location:site:georeference-notes
  Data type: :type:text
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)

[47] => Array
(
  Name: Habitat type

```

```

Descriptor: iucn:habitat
Data type: :type:enum-set
Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)

[48] => Array
    (
        Name: Habitat type scoring
        Descriptor: iucn:habitat-score
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
    )

[49] => Array
    (
        Name: Habitat type
        Descriptor: eec:EUNIS
        Data type: :type:enum-set
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
    )

[50] => Array
    (
        Name: National habitat unit code
        Descriptor: :location:site:unit-code
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
    )

[51] => Array
    (
        Name: National habitat unit description
        Descriptor: :location:site:unit-descr

```

```

Data type: :type:string
Data format: Array
(
    [0] => :type:discrete
    [1] => :type:full-text-03
)
)
[52] => Array
(
    Name: National habitat unit authority file
    Description: Authority file to which the
habitat refers.
    Descriptor: :location:site:unit-file
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)
[53] => Array
(
    Name: National habitat unit authority file
version
    Description: Version of authority file used.
    Descriptor: :location:site:unit-file-vers
    Data type: :type:string
    Data format: Array
    (
        [0] => :type:discrete
        [1] => :type:full-text-03
    )
)
[54] => Array
(
    Name: Land element and position
    Description: Description of the geomorphology
of the immediate surroundings of the collecting site (adapted from
FAO, 1990).
    Descriptor: :location:site:position
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)

```

```

[55] => Array
(
  Name: Land slope
  Description: Estimated slope of the site in
degrees.
  Descriptor: :location:site:slope
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

[56] => Array
(
  Name: Land slope aspect
  Description: The direction that the slope
faces, with symbols N, S, E, W (e.g. a slope that faces a south-
western direction has an aspect of SW).
  Descriptor: :location:site:slope:aspect
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:categorical
  )
)

[57] => Array
(
  Name: Site identifier
  Description: This attribute holds the unique
identifier of the site.
  Descriptor: :location:site:id
  Data type: :type:string
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-06
  )
)

[58] => Array
(
  Name: Site notes
  Descriptor: :location:site:notes
  Data type: :type:text
  Data format: Array
  (
    [0] => :type:discrete
    [1] => :type:full-text-03
  )
)

```



```

[59] => Array
  (
    Name: Site legislation
    Descriptor: :location:site:legislation
    Data type: :type:enum
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
      )
    )
)

[60] => Array
  (
    Name: Site ownership
    Descriptor: :location:site:ownership
    Data type: :type:enum
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
      )
    )
)

[61] => Array
  (
    Name: Site monitoring
    Description: Whether any monitoring of the site
is foreseen across years.
    Descriptor: :location:site:monitored
    Data type: :type:enum
    Data format: Array
      (
        [0] => :type:categorical
        [1] => :type:summary
      )
    )
)

[62] => Array
  (
    Name: Monitoring author/compiler
    Description: Name of person or entity in charge
of the monitoring.
    Descriptor: :location:site:monitor
    Data type: :type:string
    Data format: Array
      (
        [0] => :type:discrete
        [1] => :type:full-text-03
      )
    )
)

```

```

    )
[63] => Array
    (
        Name: Monitoring interval
        Description: Monitoring interval in years.
        Descriptor: :location:site:monitor:interval
        Data type: :type:int
        Data format: Array
            (
                [0] => :type:quantitative
            )
    )
[64] => Array
    (
        Name: Region
        Description: This attribute holds the region
name.
        Descriptor: :location:region
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-06
            )
    )
[65] => Array
    (
        Name: Primary administrative unit
        Description: This attribute holds the name of
the primary administrative unit below the country.
        Descriptor: :location:admin-1
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-06
                [2] => :type:summary
            )
    )
[66] => Array
    (
        Name: Secondary administrative unit
        Description: This attribute holds the name of
the secondary administrative unit below the primary administrative
unit.
        Descriptor: :location:admin-2
        Data type: :type:string
        Data format: Array

```

```

        (
            [0] => :type:categorical
            [1] => :type:full-text-06
            [2] => :type:summary
        )
    )
[67] => Array
    (
        Name: Lowest administrative unit
        Description: This attribute holds the name of
the lowest administrative unit, or local name of the location.
        Descriptor: :location:admin-3
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-06
        )
    )
[68] => Array
    (
        Name: Locality
        Description: This attribute holds the
description or name of the location, this might include the distance
in kilometres and direction from the nearest town, village or map
grid reference point.
        Descriptor: :location:locality
        Data type: :type:string
        Data format: Array
        (
            [0] => :type:discrete
            [1] => :type:full-text-06
        )
    )
[69] => Array
    (
        Name: CWR site protection
        Descriptor: :location:site:protected
        Data type: :type:enum
        Data format: Array
        (
            [0] => :type:categorical
            [1] => :type:full-text-03
            [2] => :type:summary
        )
    )
[70] => Array
    (

```

```

        Name: World Database of Protected Areas code
        Description: World Database of Protected Areas
unique site code (WDPA) ( source: http://www.wdpa.org/).
        Descriptor: :location:site:WDPA
        Data type: :type:string
        Data format: Array
            (
                [0] => :type:discrete
                [1] => :type:full-text-03
            )
        )
[71] => Array
    (
        Name: Soil texture
        Descriptor: :location:site:texture
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
        )
[72] => Array
    (
        Name: Soil moisture
        Description: Moisture conditions prevailing in
the soil.
        Descriptor: :location:site:moisture
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
        )
[73] => Array
    (
        Name: Soil Ph.
        Descriptor: :location:site:ph
        Data type: :type:enum
        Data format: Array
            (
                [0] => :type:categorical
                [1] => :type:full-text-03
                [2] => :type:summary
            )
        )
    )

```

```

[74] => Array
(
    Name: Soil acidity value
    Description: Actual measurement of soil acidity
at related depth.
    Descriptor: :location:site:ph:value
    Data type: :type:float
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[75] => Array
(
    Name: Ph. measurement depth
    Description: Depth in centimetres at which soil
acidity condition was recorded.
    Descriptor: :location:site:ph:depth
    Data type: :type:int
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

[76] => Array
(
    Name: Soil salinity
    Descriptor: :location:site:salt
    Data type: :type:enum
    Data format: Array
    (
        [0] => :type:categorical
        [1] => :type:full-text-03
        [2] => :type:summary
    )
)

[77] => Array
(
    Name: Soil acidity value
    Description: Actual measurement of soil
salinity in ppm at related depth.
    Descriptor: :location:site:salt:value
    Data type: :type:float
    Data format: Array
    (
        [0] => :type:quantitative
    )
)

```

```

[78] => Array
(
  Name: Salinity measurement depth
  Description: Depth in centimetres at which soil
salinity condition was recorded.
  Descriptor: :location:site:salt:depth
  Data type: :type:int
  Data format: Array
  (
    [0] => :type:quantitative
  )
)

[79] => Array
(
  Name: Land use (FAO)
  Descriptor: fao:landuse
  Data type: :type:enum-set
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
  )
)

[80] => Array
(
  Name: Land use (CORINE)
  Descriptor: eec:CORINE
  Data type: :type:enum-set
  Data format: Array
  (
    [0] => :type:categorical
    [1] => :type:full-text-03
    [2] => :type:summary
  )
)
)

```