Plinian Core v2.0 Concept Definitions

Set of concepts to define the basic attributes to integrate and retrieve information on living organisms for a wide range of users.

Concept	Descriptión	Type	Repetitive	Required
Metadata		**MetadataType**		
Metadata	Information about the collections of records. This is an Extension.	Extend: abcd: ContentMetadata	N	S
Source	Information about the data set provenance.	NormalString	N	N
TaxonRecord			N	S
RecordMetadata	Information about the record.			
Language	The language of the taxon record, according to ISO 639.	NormalString	N	N
TargetAudience	Users to which the information is addressed. The defined audiences are: *Biodiversity researchers, teachers and students, decision makers, professionals from another areas* and *general public.*	NormalString	N	N
Audience	Repetitive concept where the target audiences are written one by one.	NormalString (Predetermined list: 01. Biodiversity researchers. 02. Teachers and students. 03. Decision makers. 04. Professionals from another areas. 05. General public.)	S	N
Text	List audience codes separated by means of comma or /.	NormalString	N	N
Versión	Number and date of the current version.	VersionType	N	N
Major	The major versión number	Type xs: NonNegativeInterger	N	S
Minor	The minor versión number	Type xs: NonNegativeInterger	N	N
Modifier	Text specifying status and optional number, e.g.: alfa, beta…		N	N
DateIssued	Publication date of the current version.	Type xs: date	N	N
PreferredFlag	TRUE to indicate currente version when providers serve more than one record per taxon.			

RevisionData	Creators, revision status and dates of the entire data collection from which the current dataset is derived	Type abcd: RevisonData	N	S
BaseElements	Basic information to identify the record	NormalString	N	S
TaxonRecordID	Unique identifier of the record within the database.	NormalString	N	S
GlobalUniqueIdentifier	According to DarwinCore: An Uniform Resource Name (URN) used as an unique identifier of the taxon record.	NormalString	N	N
Abstract	General description of the taxon. This concept could point out any information about the taxon. Its main goal is summarize the most relevant or attractive characteristics of this taxon to the general public.	TextDescriptionType	N	N
Nomenclature&Classification	Standard information for every known taxon	StandardInformationType	N	N
TaxonRecordName	Complete information about the name of the taxon	ComplexType	N	S
ScientificName	Complete name of the taxon	Type ScientificName	N	S
References	Bibliographic references	Type tcs: ReferenceType	N	N
TypeInformation	Data about the Type	TypeInformationType	N	N
TypeSpecimenType	Type description. It could be: Holotype, Isotype, Isolectotype, Kleptotype, Paratype, Sintype…	NormalString	N	N
TypeLocation	Locality where the type specimen was collected	NormalString	N	N
TypeDepository	Institution where the type specimen is hosted	NormalString	N	N
TypeCollector	Information about the person who collected the type specimen	PersonType	N	N
Synonymus	Different names for this taxon. This concept is a placeholder field.	Extend: SynonymusType Base Type SynonimusType	N	N
CommonNames	List of vernacular names. This concept is a placeholder field.	Extend: CommonNamesType Base Type CommonNamesType	N	N
FlatHierarchy	Hierarchical categories		N	S
Empire	Empire name	Type xs: string	N	N
EmpireURI	Link to external information	Type xs: anyURI	N	N
Kingdom	Kingdom name	Type xs: string	N	N
KingdomURI	Link to external information	Type xs: anyURI	N	N
SubKingdom	SubKingdom name	Type xs: string	N	N
SubKingdomURI	Link to external information	Type xs: anyURI	N	N
InfraKingdom	InfraKingdom name	Type xs: string	N	N
InfraKingdomURI	Link to external information	Type xs: anyURI	N	N

SuperPhylum	SuperPhylum name	Type xs: string	N	N
SuperPhylumURI	Link to external information	Type xs: anyURI	N	N
PhylumDivision	Phylum o Division name	Type xs: string	N	N
PhylumDivisionURI	Link to external information	Type xs: anyURI	N	N
SubPhylum	SubPhylum name	Type xs: string	N	N
SubPhylumURI	Link to external information	Type xs: anyURI	N	N
InfraPhylum	InfraPhylum name	Type xs: string	N	N
InfraPhylumURI	Link to external information	Type xs: anyURI	N	N
SuperClass	SuperClass name	Type xs: string	N	N
SuperClassURI	Link to external information	Type xs: anyURI	N	N
Class	Class name	Type xs : string	N	N
ClassURI	Link to external information	Type xs: anyURI	N	N
SubClass	SubClass name	Type xs: string	N	N
SubClassURI	Link to external information	Type xs: anyURI	N	N
SuperOrder	SuperOrder name	Type xs: string	N	N
SuperOrderURI	Link to external information	Type xs: anyURI	N	N
Order	Order name	Type xs: string	N	N
OrderURI	Link to external information	Type xs: anyURI	N	N
SubOrder	SubOrder name	Type xs: string	N	N
SubOrderURI	Link to external information	Type xs: anyURI	N	N
SuperFamily	SuperFamily name	Type xs: string	N	N
SuperFamiliURI	Link to external information	Type xs: anyURI	N	N
Family	Family name	Type xs: string	N	N
FamilyURI	Link to external information	Type xs: anyURI	N	N
SubFamily	SubFamily name	Type xs: string	N	N
SubFamilyURI	Link to external information	Type xs: anyURI	N	N
Tribe	Tribe name	Type xs: string	N	N
TribeURI	Link to external information	Type xs: anyURI	N	N
Genus	Genus name	Type xs: string	N	N
GenusURI	Link to external information	Type xs: anyURI	N	N
References	Bibliographic referentes	Type tcs: ReferenceType	N	N
MiscDetails	Miscellaneus: notes attached to the taxon information	MiscDetailType	N	N
Description		TaxonomicalDescriptionType	N	N
BriefDescription	Brief description, presented in a simple technical language, to distinguish the species from other close or similar ones	TextDescriptionType	N	N
FullDescription	Diagnostic description	ComplexType	N	N
DescriptionItem	Diagnostic characters structured.	DescriptionItemType	N	S
TextDescription	The description is a text not structured	TextDescriptionType	N	S

IdentificationsKeys	Keys to identify infraranks	ComplexType	N	N
Keys	Dichotomic or multientrance keys.	TextDescriptionType	N	N
References	Bibliographic references	Type tcs: ReferenceType	N	N
NaturalHistory		NaruralHistoryType	N	N
Habit	General appearance. Characteristic mode of growth or occurrence associated to its environment, particularly for plants. Comprising its size, shape, texture and orientation. Example: tree, shrubs, herbs	TextDescriptionType	N	N
LifeCycle	Life history of a living organism: The course of developmental changes in an organism from fertilized zygote to maturity or stages through which an organism passes.	TextDescriptionType	N	N
Reproduction	All data related to the production of offspring.	TextDescriptionType	N	N
AnnualCycle	Recurrent biological phenomena correlated with climatic conditions, as bird migration or plant flowering.	TexDescriptionType	N	N
Feeding	Information related to supply food for the development and sustenance of the individual and/or its offspring.	TextDescriptionType	N	N
Behavior	Responses, reactions or movements made by an organism in particular situation.	TextDescriptionType	N	N
Interactions	Mutual or reciprocal actions or influences. For example, predation, parasitism, mutualism, etc. Also included are relations with products grown and stored by man (plagues).	ComplexType	N	N
TextInteractions	List of interactions	NormalString	N	N
Interactions	Interactions in structured format	ComplexType	N	N
InteractionType	String with the type of interaction	NormalString	N	N
InteractionSpecies	Species involved in the interaction	Type gisin: GUIDT	N	N
InteractionComments	Notes about the interactions	NormalString	N	N
References	Bibliographic references	Type tcs: ReferenceType	N	N
ChromosomicNumber	Information about the chromosomic number.	Placeholder	N	N
MolecularData	Information about the molecular data.	Placeholder	N	N
MigratoryData	Information about migrations	Placeholder	N	N

EcologicalSignificance	Ecological importance of the taxon	Placeholder	N	N
MiscDetails	Miscellaneus: notes attached to the taxon information	MiscDetailType	N	N
HabitatAndDistribution		HabitatAndDistributionType	N	N
Habitat	General description of the sites where the species is found (ecosystem, forest, environment or microhabitat).	Placeholder	N	N
Distribution	Species geographical distribution	DistributionType	N	N
AtomizedDistribution	List of regions structured and categorized the degree of safety..	ComplexType	N	N
Catalogue	List of categories	NormalString	N	N
GeographicEntity	Enumeration of geografic entibies where de taxon lives	NormalString	N	N
References	Bibliographic references	Type tcs: ReferenceType	N	N
DistributionArea	Description of the distribution of the species	TextDescriptionType	N	N
Endemicity	Belonging to a particular area or environment	ComplexType	N	N
AtomizedEndemism	List of areas structured and categorized the degree of safety	ComplexType	N	N
EndemicFor	Description of the distribution of the species.	NormalString	N	N
EndemicIn	List of countries according to the ISO 3166 standard. Structured and categorized the degree of safety.	NormalStrig	N	N
References	Bibliographic references	Type tcs: ReferenceType	N	N
DemographyAndConservation		DemographyAndConservationType		
Territory	Information associated mostly to vertebrates, referring to the territorial extension of the individual or group in terms of its activities (feeding, mating, etc.)	TextDescriptionType	N	N
PopulationBiology	Population biology data	Placeholder	N	N
ThreatStatus	Information about the status of the taxon	ComplexType	N	N
ThreatStatus	Description of the threat status	NormalString	N	N
AccordingTo	Criteria apply to assess such status	NormalString	N	N
AppliesTo	Location where the status is used	DistributionType	N	N
References	Bibliographic references	Type tcs: ReferenceType	N	N

Legislation	A national proposed law or group of laws. A regional proposed law or group of laws	ComplexType	N	N
TextLegislation	Enumeration of the law or group of laws	TextDescriptionType	N	N
Legislation	Name of the law or group of laws	TextLegislationType		
LegislationName	Word or phrase to designate the law or group of laws	NormalString	N	S
ProtectionLegalStatus	Description of the status	NormalString	N	N
References	Bibliographic references	Type tcs: ReferenceType	N	N
UsesAndManagement		ComplexType		
Uses	Known or potential uses of the species, at a direct economic level, as instruments of education, prospecting, eco-tourism, etc. It includes published material or suggestions from the author or others. In any event, the source must be explicitly quoted.	UsesType	N	N
TextUses	List of uses	NormalString	N	N
Use	Uses in structured format	ComplexType (Acc. TDWG Economic Botany)	N	N
Folklore	Known myths or legends that people or literature contribute about the species	TextDescriptionType	N	N
Management	Breeding and cultivation Control…	TextDescriptionType	N	N
Documentation	References and pointers to additional information	DocumentationType	N	N
PublicationAndMultimedia	Others resources: multimedia or publications	ComplextType Reference : Dublin : ElementsGroup	N	S
Text	Description of the resources	NormalString	N	N