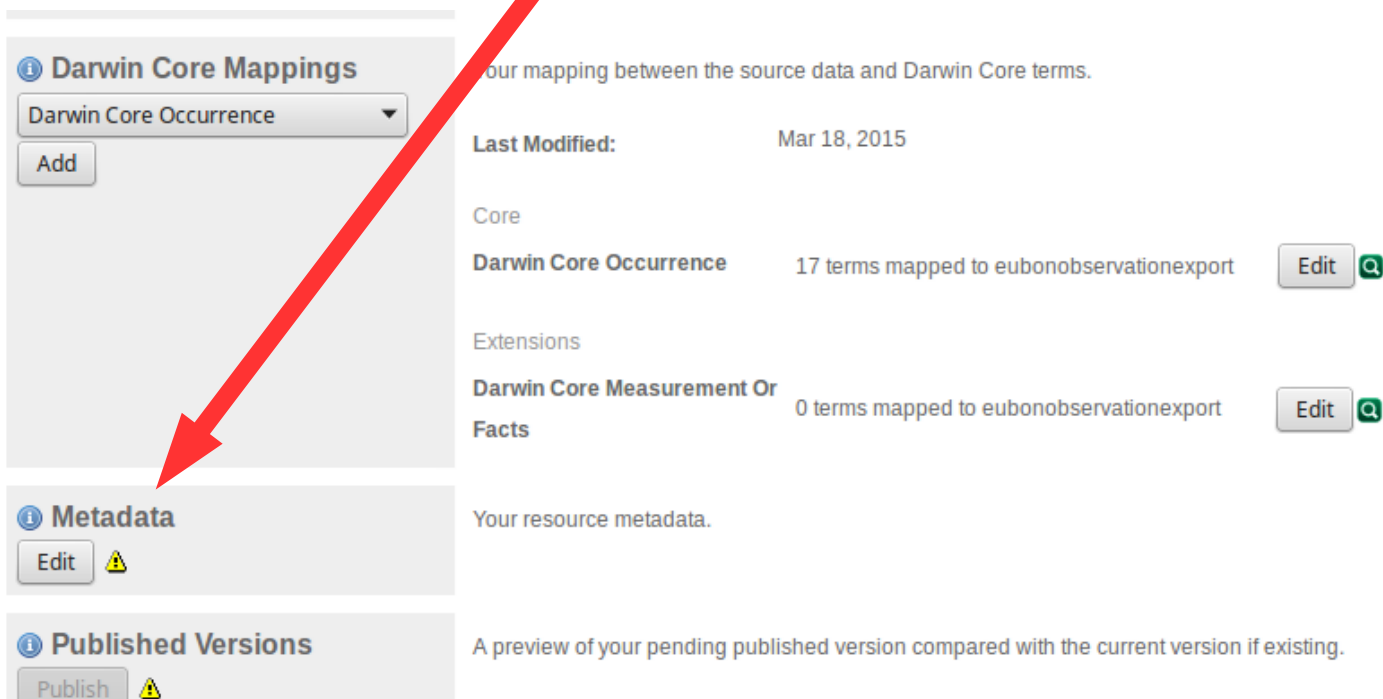


# *A short glimpse on vocabularies management inside of IPT*

# A short glimpse on IP vocabularies



**Darwin Core Mappings**

Darwin Core Occurrence

Add

Your mapping between the source data and Darwin Core terms.

Last Modified: Mar 18, 2015

Core

**Darwin Core Occurrence** 17 terms mapped to eubonobservationexport [Edit](#)

Extensions

**Darwin Core Measurement Or Facts** 0 terms mapped to eubonobservationexport [Edit](#)

**Metadata**

Edit ⚠

**Published Versions**

Publish ⚠

Your resource metadata.


A preview of your pending published version compared with the current version if existing.

## Keywords


Please enter sets of keywords for the resource, each with a thesaurus or controlled vocabulary.

[\[ Remove this keyword \]](#)

### Thesaurus/Vocabulary\*

 GBIF Dataset Type Vocabulary: [http://rs.gbif.org/vocabulary/gbif/dataset\\_type.xml](http://rs.gbif.org/vocabulary/gbif/dataset_type.xml)

### Keyword List\*

 Occurrence

## Section

[Basic Metadata](#)

[Geographic Coverage](#)

[Taxonomic Coverage](#)

[Temporal Coverage](#)

**[Keywords](#)**

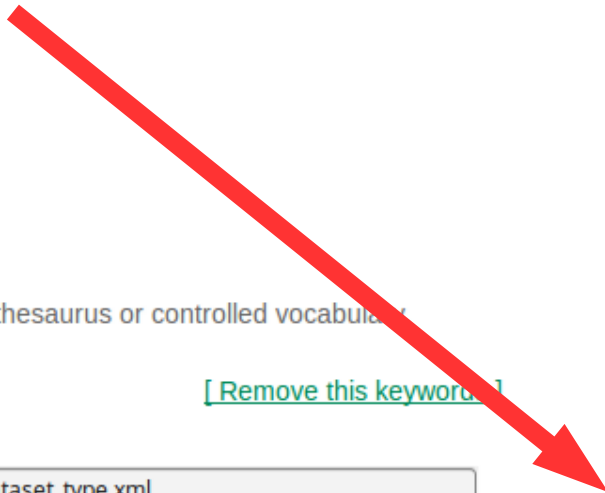
[Associated Parties](#)

[Project Data](#)

[Sampling Methods](#)

[Citations](#)

[Collection Data](#)



# Best practices

- Best practices have been defined in the VoMag group of the TDWG

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- *...We strongly recommend that all terms included in a concept vocabulary should have a dereferenceable identifier (URI) compatible with Semantic Web principles. When a term is reused in another vocabulary, this URI shall always be used to identify it. Terminology declared by concept vocabularies can be reused as property terms as well as class entities and controlled value elements..*

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## Conference Paper

### A framework for managing vocabularies



Dag T. F. Endresen



Éamonn Ó Tuama



Gregor Hagedorn



Steve Baskauf

Conference: TDWG 2013 Annual Conference, At Florence, Italy

# Best practices

- Original document:

[http://www.researchgate.net/publication/258513115\\_A\\_framework\\_for\\_managing\\_vocabularies](http://www.researchgate.net/publication/258513115_A_framework_for_managing_vocabularies)



Resource Title [eubon-lepidoterae-test-2015](#)

## Keywords

Please enter sets of keywords for the resource, each with a thesaurus or controlled vocabulary.

[\[ Remove this keywords \]](#)

Thesaurus/Vocabulary\*

Keyword List\*

[Add new keywords](#)

Save

Cancel

## Section

[Basic Metadata](#)

[Geographic Coverage](#)

[Taxonomic Coverage](#)

[Temporal Coverage](#)

### [Keywords](#)

[Associated Parties](#)

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[Citations](#)

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[External links](#)

[Additional Metadata](#)



Resource Title eubon-lepidopterae-test-2015

## Keywords

Please enter sets of keywords for the resource, each with a thesaurus or controlled vocabulary.

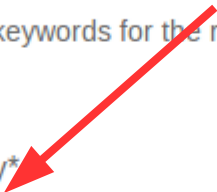
[\[ Remove this keywords \]](#)

Thesaurus/Vocabulary\*

Keyword List\*

[Add new keywords](#)

**URI**



**Keyword list**



## Section

[Basic Metadata](#)

[Geographic Coverage](#)

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### Keywords

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# GBIF reference site

- <http://rs.gbif.org/>

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This site contains technical GBIF resources like xml schemas, dwc archive/IPT extensions and vocabularies and is primarily intended for machine read. Some documents feature human renderings via xslt for modern browsers like Firefox or Safari capable of processing these.

[Darwin Core Archive - Core Definitions](#)

[Darwin Core Archive - Extension Definitions](#)

[Darwin Core Archive Repository](#)

[Vocabularies](#)

[Geographical Area Standards](#)

















[XML Schemas](#)

[Coding Conventions](#)

See our [Sandbox](#) for extensions & vocabularies under development which are subject to change.

















# GBIF reference site

- <http://rs.gbif.org/vocabulary/>

Name	Last modified	Size	Description
 Parent Directory		-	
 <a href="#">ac/</a>	2015-02-13 22:36	-	
 <a href="#">basic/</a>	2015-02-13 22:36	-	
 <a href="#">dcterms/</a>	2015-02-13 22:36	-	
 <a href="#">dwc/</a>	2015-02-13 22:36	-	
 <a href="#">eml/</a>	2015-02-13 22:36	-	
 <a href="#">eol/</a>	2015-02-13 22:36	-	
 <a href="#">gbif/</a>	2015-02-13 22:36	-	
 <a href="#">germplasm/</a>	2015-02-13 22:36	-	
 <a href="#">ggbn/</a>	2015-02-13 22:36	-	
 <a href="#">gtsin/</a>	2015-02-13 22:36	-	
 <a href="#">iso/</a>	2015-02-13 22:36	-	
 <a href="#">iucn/</a>	2015-02-13 22:36	-	
 <a href="#">mixs/</a>	2015-02-13 22:36	-	
 <a href="#">sn2000/</a>	2015-02-13 22:36	-	
 <a href="#">un/</a>	2015-02-13 22:36	-	

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 <a href="#">mixs/</a>	2015-02-13 22:36	-	
 <a href="#">sn2000/</a>	2015-02-13 22:36	-	
 <a href="#">un/</a>	2015-02-13 22:36	-	

**Provides an URI for the vocabulary used in object categorisation !!!**

# Vocabularies

1. **AC**           => AudubonCore (images and artistic representation)   => quality rating
2. **'Basic'**       => Boolean (True/False)
3. **DCTerms**   => Dublin Core Themes=> "Collection"/"DataSet"/"Event"/"Image"/...
4. **DWC**       => Darwin Core => "Basis of record"
5. **EML**       => periodicity (multilingual) => "daily, weekly, monthly" ...

# Vocabularies




















## 6. **EOL** => Encyclopedia of Life

- => Datatype “Still image”/”Moving image”/”Sound”
- => Licences (Creative Commons)
- => MIME types
- => Subjects (“Behaviour, Conservation Status, Disease,...”)



# 7. GBIF:

---

	Parent Directory		-
	agent_role.xml	2015-02-13 22:36	10K
	dataset_subtype.xml	2015-02-13 22:36	6.6K
	dataset_type.xml	2015-02-13 22:36	3.2K
	description_type.xml	2015-02-13 22:36	15K
	establishment_means.xml	2015-02-13 22:36	3.3K
	life_form.xml	2015-02-13 22:36	4.0K
	life_stage.xml	2015-02-13 22:36	12K
	nomenclatural_code.xml	2015-02-13 22:36	3.5K
	nomenclatural_status..>	2015-02-13 22:36	18K
	occurrence_status.xml	2015-02-13 22:36	4.2K
	preservation_method.xml	2015-02-13 22:36	6.7K
	rank.xml	2015-02-13 22:36	20K
	reference_type.xml	2015-02-13 22:36	3.8K
	resource_type.xml	2015-02-13 22:36	4.6K
	sex.xml	2015-02-13 22:36	2.5K
	taxonomic_status.xml	2015-02-13 22:36	3.7K
	type_designation_typ..>	2015-02-13 22:36	4.8K
	type_status.xml	2015-02-13 22:36	21K

---











## 8. Germplasm

- Acquisition source (habitat)
- Storage condition
- Biological status: “wild/hybrid/inbred line”

## 9. **GGBN** ('Global Genome Biodiversity Network')

- Permit type
- Permit status
- Preservation temperature
- Quality

# 10. GISIN (Invasive species)

Name	Last modified	Size	Description
 Parent Directory		-	
 abundance.xml	2015-02-13 22:36	3.0K	
 distribution.xml	2015-02-13 22:36	2.2K	
 harmful.xml	2015-02-13 22:36	2.2K	
 origin.xml	2015-02-13 22:36	1.8K	
 persistence.xml	2015-02-13 22:36	2.7K	
 presence.xml	2015-02-13 22:36	2.6K	
 regulatory.xml	2015-02-13 22:36	2.2K	
 spreadrate.xml	2015-02-13 22:36	2.6K	
 trend.xml	2015-02-13 22:36	2.6K	

## 11. ISO

- 639: languages
- 3166: Countries

## 12. IUCN (conservation)

- Threat status
- Habitats

## **13.MIXS** (Minimal information about 'X' sequence)

- Environmental package
- Investigation type

## **14.System Naturae 2000**

- Habitat

## **15. United Nations**

- CITES appendixes

# GEMET

- Multilingual environmental thesaurus
  - Used by INSPIRE
  - Fits well with ISO 19 115/19 139 (GiCAT & GeoNetwork)
  - <https://www.eionet.europa.eu/gemet/>

# GEMET

## Themes list

administration

agriculture

air

animal husbandry

biology

building

chemistry

climate

disasters, accidents, risk

economics

energy

environmental policy

fishery

food, drinking water

forestry

general

geography

human health

industry

information

legislation

materials

military aspects

natural areas, landscape, ecosystems

natural dynamics

noise, vibrations

physics

pollution

radiations

research

resources

social aspects, population

soil

space

tourism

trade, services

transport

urban environment, urban stress

waste

water



## alluvial plain

### Definition:

A level or gently sloping tract or a slightly undulating land surface produced by extensive deposition of alluvium, usually adjacent to a river that periodically overflows its banks; it may be situated on a flood plain, a delta, or an alluvial fan. (Source: BJGEO)

### broader terms

plain

### Scope note:

scope note is not available

### Groups:

LAND (landscape, geography)

### Themes:

geography  
natural areas, landscape, ecosystems  
soil

### Other relations:

Wikipedia article

[Alluvial plain](#)

Has close match

[UMTHES: Flussmarsch](#)

<b>Arabic:</b>	سهل غريني
<b>Basque:</b>	alubioi-lautada
<b>Bulgarian:</b>	Алувиална равнина
<b>Catalan:</b>	plana al·luvial
<b>Chinese:</b>	冲积平原
<b>Croatian:</b>	aluvijalna ravnica
<b>Czech:</b>	nižina naplaveninová
<b>Danish:</b>	flodslette
<b>Dutch:</b>	alluviale vlakte
<b>English (US):</b>	alluvial plain
<b>Estonian:</b>	alluviaaltasandik
<b>Finnish:</b>	alluviaalitasanko
<b>French:</b>	plaine alluviale
<b>German:</b>	Flußmarsch
<b>Greek:</b>	αλλουβιακή (προσχωσιγενής) πεδιάδα
<b>Hungarian:</b>	hordalékos síkság
<b>Irish:</b>	má ghlárach
<b>Italian:</b>	pianura alluvionale
<b>Latvian:</b>	aluviāls līdzenums
<b>Lithuanian:</b>	saūnašinė lyguma
<b>Maltese:</b>	pjanura alluvjali
<b>Norwegian:</b>	elveslette
<b>Polish:</b>	równina aluwialna
<b>Portuguese:</b>	planícies aluviais
<b>Romanian:</b>	câmpie aluvionară
<b>Russian:</b>	аллювиальная равнина
<b>Slovak:</b>	niva
<b>Slovenian:</b>	aluvialna ravnica
<b>Spanish:</b>	llanura aluvial
<b>Swedish:</b>	alluvial slätt
<b>Turkish:</b>	alüvyonlu arazi
<b>Ukrainian:</b>	алювіальна рівнина

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Concept URL: <<http://www.eionet.europa.eu/gemet/concept/10170>>