Journée ARAMIS 2016
ISC Bron, 07 avril 2016

Processus de publication des données primaires sur la biodiversité via les outils et le réseau GBIF

gbif@gbif.fr

www.gbif.org / www.gbif.fr

Sommaire

1. **Présentation du GBIF et de ses standards**
2. **Integrated Publishing Toolkit (IPT)**
3. **IPT : nouvelles fonctionnalités**

GBIF
www.gbif.org

gbif France

Qu'est-ce que le GBIF?

Programme intergouvernemental créé en 2001,
à l'initiative du comité scientifique de l'OCDE

Objectif

La diffusion **libre, gratuite** et **universelle**, via **Internet**, de données scientifiques et d'informations relatives à la **biodiversité**

Moyen

Créer des systèmes interopérables, formant ainsi un réseau mondial de bases de données scientifiques sur la biodiversité.

GBIF
www.gbif.org

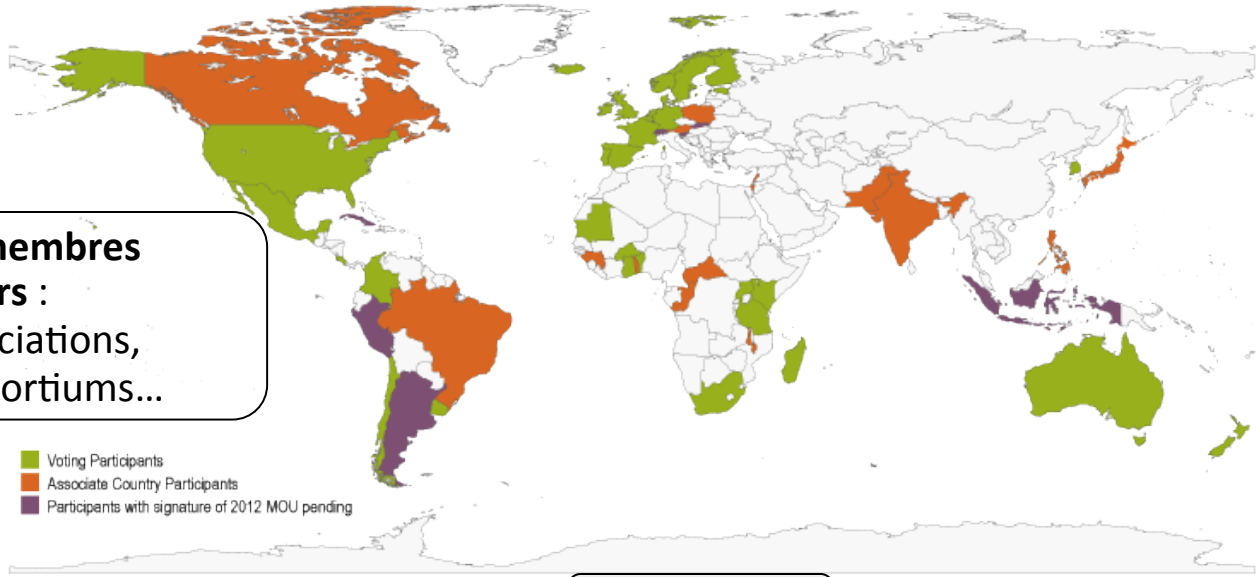
gbif France

Qui participe au GBIF ?

Governing Board
Comité exécutif
Comité pour le budget
Comité des noeuds participants
Comité scientifique

Secrétariat
Directeur
Agents

94 Participants



40 membres divers :
associations, consortiums…

54 pays

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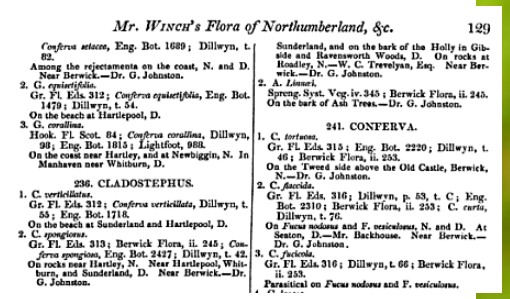
Types de données partagées via le GBIF

Collections d'herbiers et de muséums

Etudes de terrain, projets de monitoring

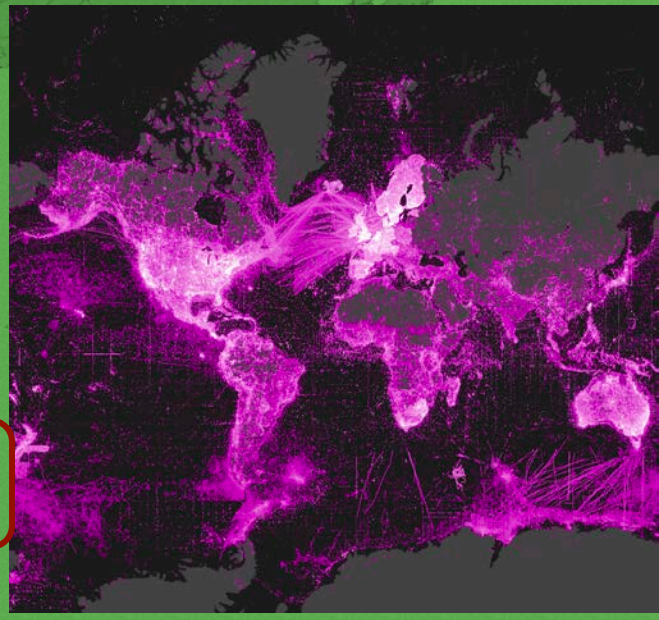
Observations de Science Participative ou Citoyenne

Données d'occurrences extraites de la littérature



Global Biodiversity Information Facility

Free and Open Access to Biodiversity Data



652,694,361	1,634,951	15,743	803
OCCURRENCES	SPECIES	DATASETS	DATA PUBLISHERS

Sharing biodiversity data for re-use

- Learn about GBIF
- Publish your data through GBIF
- Technical infrastructure

Providing evidence for research and decisions

- Using data through GBIF
- Enabling biodiversity science
- Supporting global targets

Collaborating as a global community

- Current Participants
- How GBIF is funded
- Enhancing capacity

Search news items and information pages... Search

Que fait le GBIF ?

- Promotion de l'utilisation de standards communs et d'outils libres pour l'échange et la gestion de données primaires sur la biodiversité
- Maintenance du site www.gbif.org et des web services
- Aide à la mise en place de portails et de systèmes d'information nationaux sur la biodiversité
- Collaboration et participation aux réseaux sur la biodiversité à l'échelle mondiale et régionale

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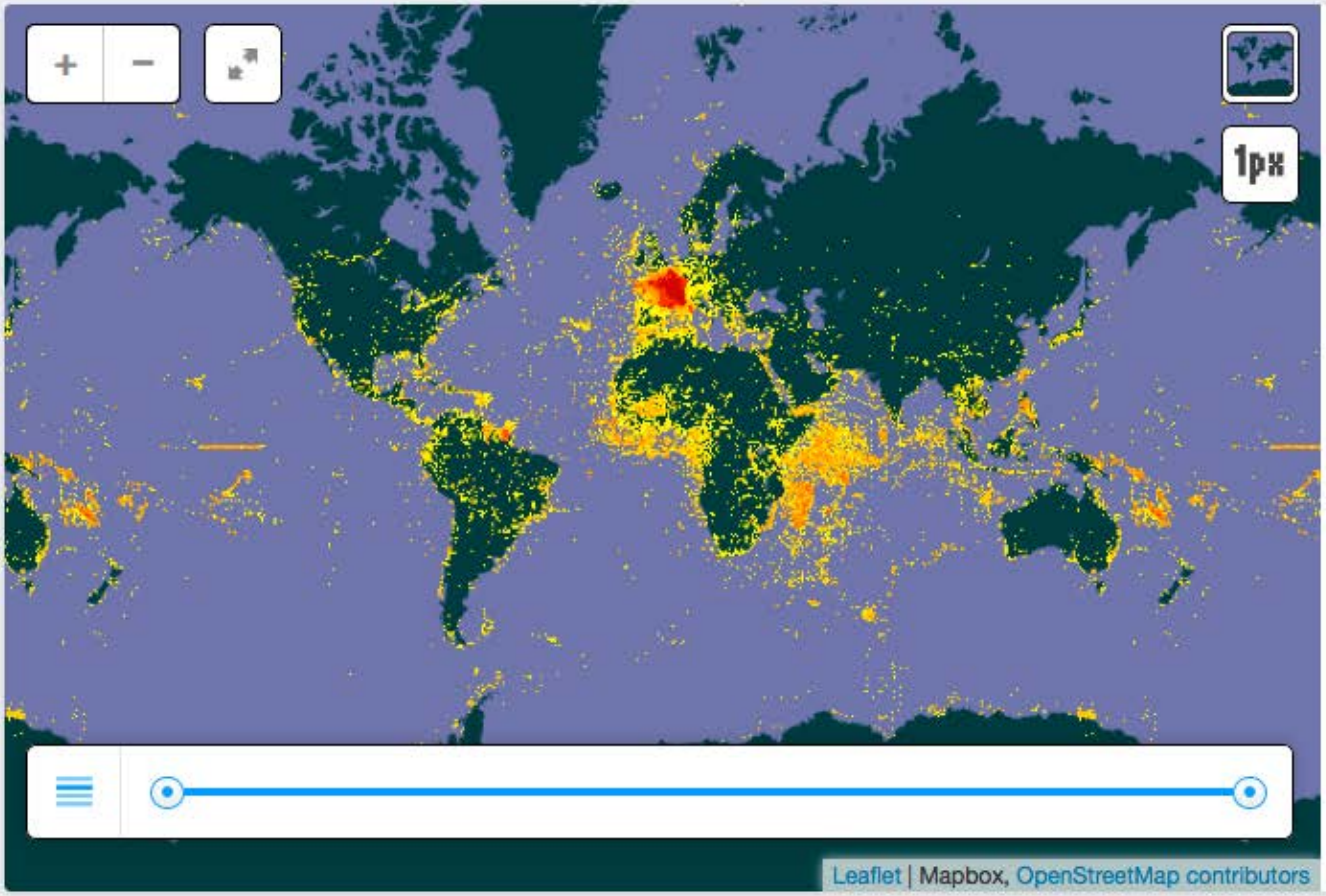
France

A GBIF Voting Participant from Europe
Names of countries, territories and islands are based on the ISO 3166-1 standard.



Data from France

- 152 occurrence datasets with 39,634,545 records.
- 1 checklist dataset with 281,367 records.
- 2 metadata-only datasets.
- France publishes data covering 248 countries, territories and islands.

View records shown on the map

http://www.gbif.org/infrastructure/summary

GBIF Global Biodiversity Information Facility

Infrastructure

How GBIF works as a global informatics infrastructure

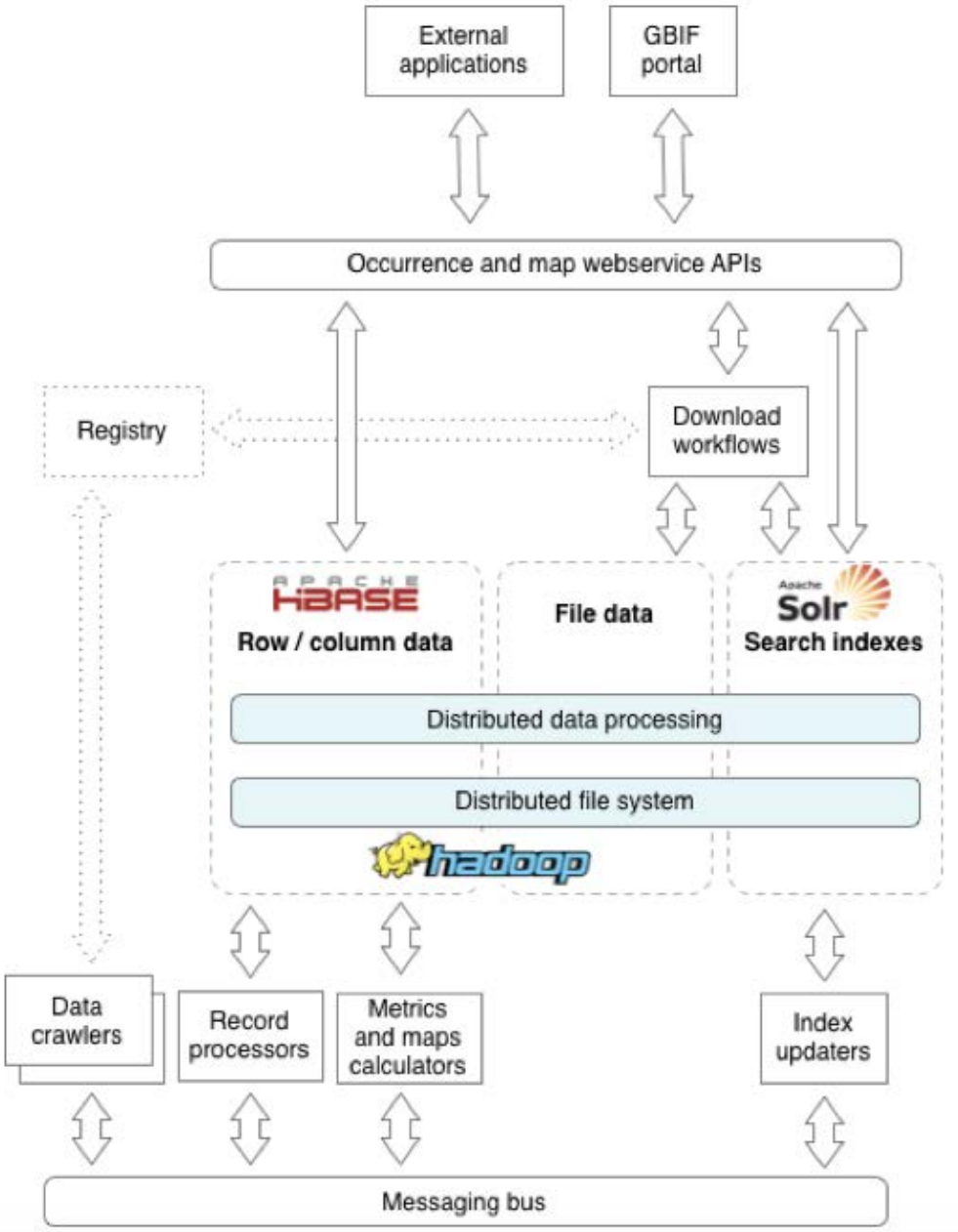
Summary | Registry | Occurrences | Data processi

About

The GBIF informatics architecture provides an open platfor
biodiversity databases around the world.

The distributed infrastructure spans across the hundreds o
GBIF enabling users to discover, access, integrate and hel
shared on the network.

The GBIF architecture encompases well-known communit
and protocols enabling interoperability at global scale. As
growing number of tools and workflows are able to connec
network.



⇒ Tous les outils développés par le GBIF sont **libres** et **open source**, et utilisent des **standards internationaux**.

⇒ **Toutes les données peuvent être téléchargées** (pas de restriction de taille) et **réutilisées par d'autres sites ou portails** (via les API).

⇒ **Utilisation:** ces données, corrélées à des données environnementales, contribuent à la recherche scientifique et aident à la prise de décisions dans les domaines suivants :

1. Espèces menacées, migratrices et invasives
2. Impacts du changement climatique
3. Politiques de conservation
4. Gestion des ressources naturelles
5. Agriculture, gestion forestière, pêche et exploitations minières
6. Santé publique et sécurité alimentaire

Et plus encore...

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Sommaire

1. Présentation du GBIF et de ses standards
2. Integrated Publishing Toolkit (IPT)
3. IPT : nouvelles fonctionnalités

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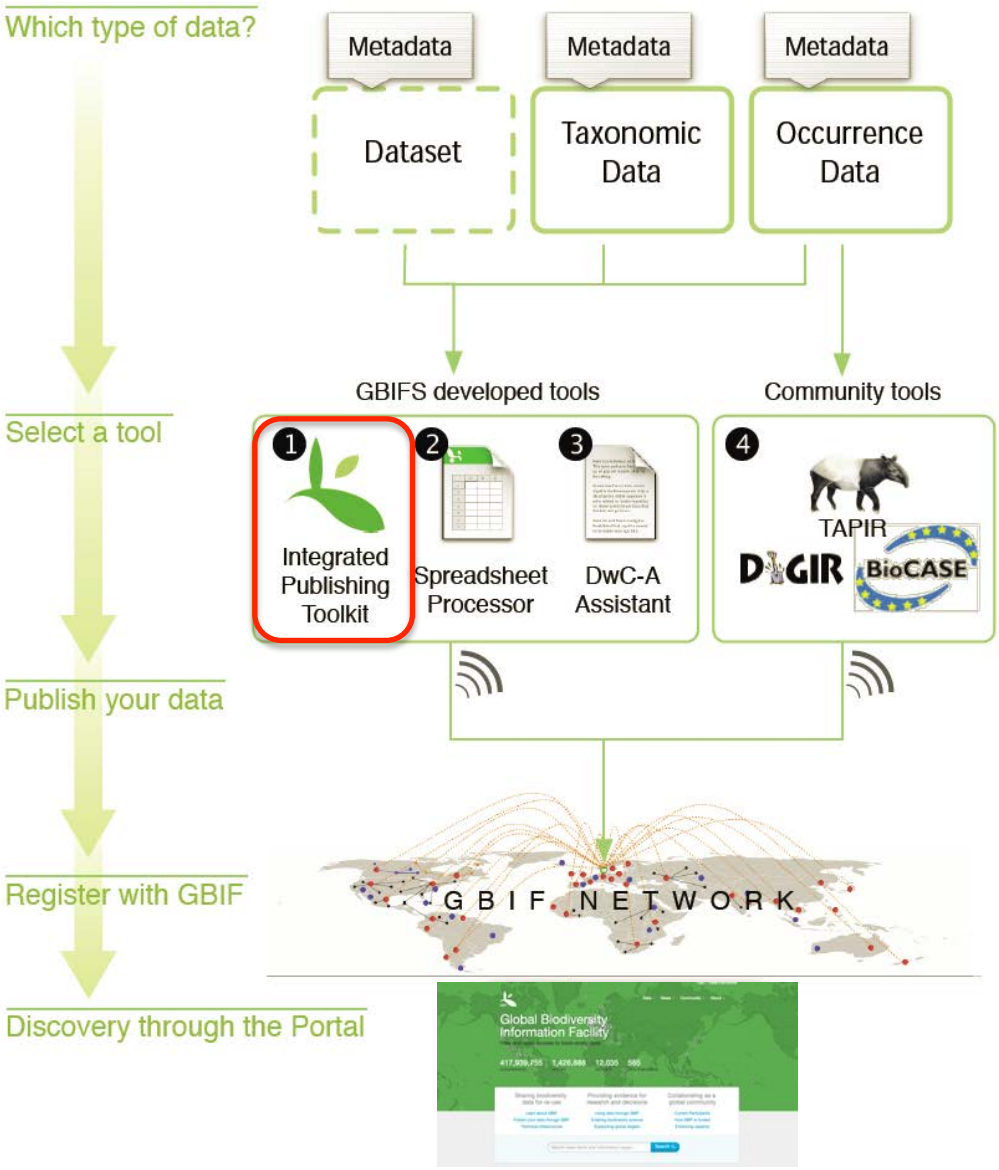
Publier des données via le GBIF



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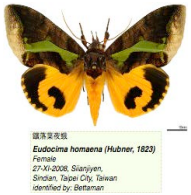
Standards de données



Métadonnées

Données primaires sur la biodiversité

Données taxonomiques

Ecological Metadata Language (**EML**)

- *Description riche des jeux de données*
- *Profil de métadonnées dans le GBIF*

Darwin Core

- *190 termes*
- *Ratifié en 2009 (TDWG)*
- *Fichiers texte*
- *Extensions thématiques*

Ou ABCD (TDWG)

- *>1200 concepts*
- *utilisé par Biocase et Tapir*

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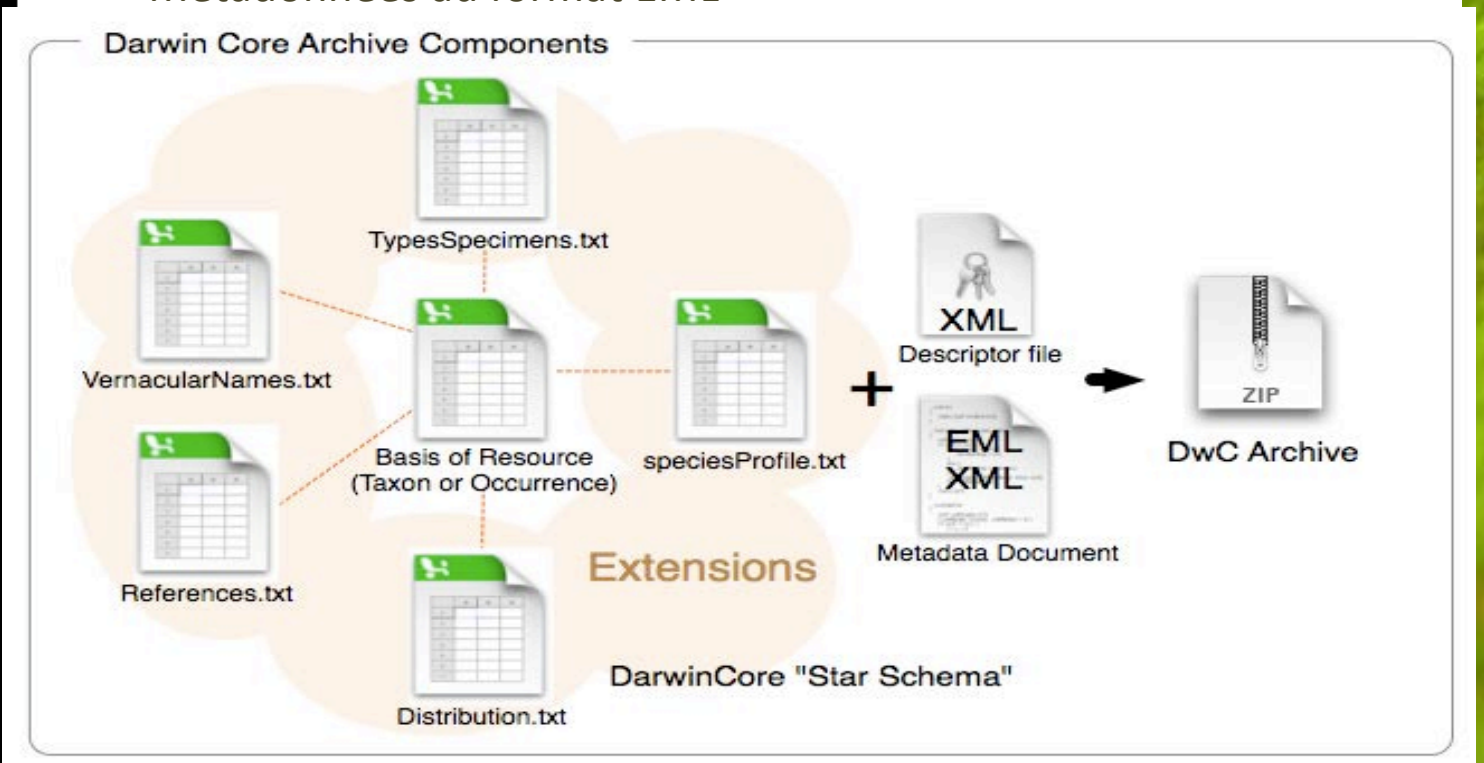
Archive Darwin Core

Contenu de l'archive :

- Une DwC-A = un jeu de données
- Dossier zippé contenant un ou plusieurs fichiers texte standardisés en Darwin Core
- Occurrences, données d'échantillonnage ou données taxonomiques
- Métadonnées au format EML



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Termes Darwin Core

Darwin Core = standard de données ➔ interopérabilité

Termes obligatoires :

- institutionCode (ex : MNHN) : nom ou acronyme de l'institution ayant la responsabilité de la donnée
- collectionCode (ex : Entomologie) : nom ou acronyme du jeu de données ou de la collection d'où il provient
- catalogNumber (ex : PPG-CF-00001) : identifiant (si possible unique) de chaque occurrence dans le jeu de données ou la collection
- scientificName (ex: *Canis lupus*) : nom scientifique complet avec date et auteur (si connus)
- basisOfRecord (ex : HumanObservation, specimen, fossil…) : nature de la donnée (vocabulaire contrôlé)

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www.gbif.org/ipt

Integrated Publishing Toolkit (IPT)

A GBIF tool to enable the publishing of biodiversity datasets

v2.3
(Latest version)
Download

Summary Stats Releases

About the IPT

The Integrated Publishing Toolkit (IPT) is a free open source software tool written in Java that is used to publish and share biodiversity datasets through the GBIF network. Designed for interoperability, it enables the publishing of content in databases, Microsoft Excel spreadsheets, or text files using open standards namely the Darwin Core and the Ecological Metadata Language.You can also use a 'one-click' service to convert your metadata into a draft data paper manuscript for submission to a peer-reviewed journal.

DataCite

Since v2.2, the IPT has been capable of automatically connecting with either DataCite or EZID to assign DOIs to datasets. This new feature makes biodiversity data easier to access on the Web and facilitates tracking its re-use. You may read more about this and other new features introduced in version 2.2 here.

The core development of the IPT happens at the GBIF Secretariat, but the coding, documentation, and internationalization are a community effort and everyone is welcome

See also

RESOURCES
- User Manual (es)
- Mailing List
- Wiki
- FAQs

FEEDBACK
- Report a Bug
- Request an Enhancement

Serveur pour l'application

Gestionnaire

Lister les applications	Aide HTML Gestionnaire	Aide Gestionnaire	Etat du serveur

Applications

Chemin	Version	Nom d''affichage	Fonctionnelle	Sessions	Commandes
/	*None specified*	Welcome to Tomcat	true	0	Démarrer Arrêter Recharger Retirer Expirer les sessions inactives depuis ≥ 30 minutes
/docs	*None specified*	Tomcat Documentation	true	0	Démarrer Arrêter Recharger Retirer Expirer les sessions inactives depuis ≥ 30 minutes
/examples	*None specified*	Servlet and JSP Examples	true	0	Démarrer Arrêter Recharger Retirer Expirer les sessions inactives depuis ≥ 30 minutes
/host-manager	*None specified*	Tomcat Host Manager Application	true	0	Démarrer Arrêter Recharger Retirer Expirer les sessions inactives depuis ≥ 30 minutes
/ipt	*None specified*	IPT	true	0	Démarrer Arrêter Recharger Retirer Expirer les sessions inactives depuis ≥ 30 minutes
/manager	*None specified*	Tomcat Manager Application	true	1	Démarrer Arrêter Recharger Retirer Expirer les sessions inactives depuis ≥ 30 minutes

IPT setup

Disclaimer ⚠

Since IPT version 2.2, publishers are required to assign one of three machine-readable rights declarations to their data. If you cannot agree to publish your data under a CC0 1.0, CC-BY 4.0 or CC-BY-NC 4.0 declaration, we recommend that you use version 2.1.1 of the IPT for now.

GBIF will begin working with existing publishers to implement and enforce this requirement across the network during 2015. If you are unable to choose one of the three options, and your dataset contains occurrence data, you will not be able to register your dataset with GBIF or make it globally discoverable through GBIF.org. For background on this decision, click here.

☑ I have read and understood the disclaimer

IPT data directory

To use the IPT you must select a directory where the IPT will store its configuration information - called the IPT data directory.

Please select an empty, writable folder or an existing IPT data directory. Do not select a folder that is vulnerable to other processes, such as /tmp, which may be emptied on a system restart. This folder should be backed up regularly in keeping with a disaster recovery plan.

For example, use a path such as "C:\datadir" for Windows environments or "/usr/datadir" for Unix-like environments such as Linux, Mac OS X.

/opt/www/private/ipt/ipt_data_me| Save

IPT setup part II

Please provide additional information for the basic IPT setup.

You have successfully created a new data directory.

Default administrator

The password for the default administrator account can be modified later on, but the email cannot be changed without removing and re-creating the user.

Email

First Name

Last Name

Password

Verify Password

IPT Mode

Select the mode you would like to run the IPT in. The IPT mode decides whether or not the hosted resources will be indexed for public search access by GBIF. GBIF recommends IPT administrators try Test mode first in order to understand the registration process, and then reinstall in Production mode for formal data publishing. **Warning**: for a given installation, this selection is final and cannot be changed later on. To switch from test to production mode or vice versa, you will have to reinstall your IPT and repeat any configurations you made.

Test mode is for evaluating the IPT or running it in a training scenario. Resources registered with GBIF will go into a test registry and will never be indexed. All DOIs minted for resources in test mode should use a test prefix (e.g. 10.5072 for DataCite), meaning they are temporary.

Production mode is for publishing resources formally. Resources registered with GBIF go into the GBIF Registry and will be indexed. DOIs minted for resources cannot be deleted, and require resources to remain publicly accessible.

IPT mode: ○ Test ○ Production

Base URL

Base URL for this IPT

http://www.gbif.fr:8080/ipt-test-mel

Proxy URL

Save

GBIF
www.gbif.org

gbif France

IPT settings Publish all resources

Users accounts

GBIF registration options

Organisations
The IPT must be registered with GBIF before associating organisations

Core Types and Extensions

Logs

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GBIF INTEGRATED PUBLISHING TOOLKIT (IPT)
free and open access to biodiversity data

Logged in as melecoq@gbif.fr Account Logout ENGLISH

Home | Manage Resources | Administration | About

Resources you have rights to manage

Filter:

Name	Organisation	Type	Subtype	Records	Last modified	Last publication	Next publication	Visibility	Author
Base de données	Not registered	Occurrence	--	0	2015-09-24	Not published	--	Private	Sophie Pamerlon
LAGPLON - Polynésie francaise	SPN - Service du Patrimoine naturel, Muséum national d'Histoire naturelle, Paris	Occurrence	--	150	2015-09-21	2015-09-21	--	Public	Sophie Pamerlon
LAGPLON - Nouvelle-Calédonie	SPN - Service du Patrimoine naturel, Muséum national d'Histoire naturelle, Paris	Occurrence	--	4,791	2015-09-21	2015-09-21	--	Public	Sophie Pamerlon
test_sample_data	Not registered	Sampling event	--	0	2015-09-17	Not published	--	Private	Sophie Pamerlon
Donnees ONF Faune-Flore-Fonge	SPN - Service du Patrimoine naturel, Muséum national d'Histoire naturelle, Paris	Occurrence	--	637,398	2015-09-11	2015-09-11	--	Public	Sophie Pamerlon
INPN - Données flore des CBN agrégées par la FCBN	SPN - Service du Patrimoine naturel, Muséum national d'Histoire naturelle, Paris	Occurrence	--	20,999,334	2015-07-17	2015-07-17	--	Public	Sophie Pamerlon
Données flore des CBN agrégées par la FCBN	Not registered	Metadata-only	--	0	2015-07-17	Not published	--	Private	Sophie Pamerlon
Herbier G. Garapin (BOUM)	Muséum d'Histoire Naturelle de Bourges	Occurrence	Specimen	712	2015-02-18	2015-02-16	--	Public	Sophie Pamerlon
fundiv france database	Not registered	Occurrence	--	3,257	2015-02-18	2015-02-18	--	Public	Sophie Pamerlon

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Create New Resource

You can create a new blank resource, upload an existing resource saved as a zipped Darwin Core archive, or upload an existing IPT resource using its zipped resource configuration folder. Please refer to the User Manual for more specific instructions. A short name is required as an identifier for the resource within this IPT installation. Please use only alphanumeric characters, hyphens, or underscores.

Shortname

Type

Select a type (optional)

Optional archived resource to load:

Choisissez un fichier Aucun fichier choisi

Create

Home | Manage Resources | Administration | About

Overview: LAGPLON - Polynésie francaise

This is the overview page for the *LAGPLON - Polynésie francaise* resource.

Source Data

Parcourir... Aucun fichier sélectionné.

Connect to database | Clear

Your source data files and SQL sources for generating a Darwin Core Archive.

Not modified since last publication

data [file]	77.4 KB, 150 rows, 37 columns. Sep 17, 2015	Edit

Darwin Core Mappings

Darwin Core Occurrence

Add

Your mapping between the source data and Darwin Core terms.

Not modified since last publication

Core

Darwin Core Occurrence	35 terms mapped to data.	Edit

Metadata

Edit

Your resource metadata.

Not modified since last publication

Published Versions

Publish

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

	Current version	Pending version
Version	1.2 View	1.3 Preview
Published on	Sep 21, 2015	-
Publication log	Download	-

Auto-publishing

Select interval

Visibility *Registered*

This public resource is registered with GBIF meaning that it is globally discoverable via the GBIF website.

GBIF UUID	eed49c61-2085-46c4-8d4f-d2cda50fd404
Organisation	SPN - Service du Patrimoine naturel, Muséum national d'Histoire naturelle, Paris
Organisation Contact	Frédéric Vest, vest@mnhn.fr
Endorsing Node	GBIF France

Resource Managers

Add

Managers granted permission to modify this resource.

Creator	Sophie Pamerlon, pamerlon@gbif.fr

Delete

GBIF INTEGRATED PUBLISHING TOOLKIT (IPT)
free and open access to biodiversity data

Logged in as pamerlon@gbif.fr Account Logout ENGLISH

Home | Manage Resources | Administration | About

Resource Title test_sp

Source Data

Edit your source data format

Source Name

occurrence_gbif_potato_20130513copie

Readable	✓
Columns	45
File	/var/www/private/ipt/ipt_data/resources/test_sp/sources/occurrence_gbif_potato_20130513copie.txt
Size	39 KB
Rows	99
Modified	09/01/14
Source log	Download

Analyze Preview

Number of Header Rows

1

Field Delimiter

;

Field Quotes

Character Encoding

windows-1252

Date Format

YYYY-MM-DD

Save Cancel Delete source file

GBIF INTEGRATED PUBLISHING TOOLKIT (IPT)
free and open access to biodiversity data

Logged in as pamerlon@gbif.fr Account Logout ENGLISH

Home | Manage Resources | Administration | About

Overview: test_sp

This is the overview page for the *test_sp* resource. Please start by uploading and mapping source data to generate and publish a Darwin Core archive. Dont forget to fill in the mandatory metadata. Published resources can be registered with the GBIF Network. Registered resources can be removed, but they cannot be reverted to a private state.

Source Data

Choisissez un fichier Aucun fichier choisi

Connect to database Clear

Your source data files for generating a Darwin Core Archive. You can upload delimited text files (csv, tab, and files using any other delimiter) either directly or compressed (zip or gzip). To (re)upload a file, please select the local file then click "Add". Alternatively, you can configure *SQL views* to databases in your local network. To create a new SQL source, please click "Connect to database" without any file chosen.

occurrence_gbif_potato_20130513copie 39 KB, 99 rows, 45 columns. 09/01/14 **[file]** Edit

Darwin Core Mappings

Darwin Core Occurrence

Add

Your mapping between the source data and Darwin Core terms.

Darwin Core Occurrence 43 terms mapped to occurrence_gbif_potato_20130513copie Edit

Metadata

Edit

description

Keywords Occurrence

Published Release

Publish

When publishing a new release, a new EML version, RTF version, and a Darwin Core Archive (DwC-A) will be created. A DwC-A bundles all source files with mappings and metadata in one zipped archive.

Auto-publishing Select interval

Visibility *Private*

Public

This resource is private to managers. To make this resource available to everyone, please make it public.

Resource Managers

Add

Resources can be managed by several managers. You can grant other managers permission to modify test_sp.

Creator Sophie Pamerlon, pamerlon@gbif.fr

Delete

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gbif France

⚠ individualCount is mapped to values with the wrong data type.
maximumDepthInMeters is mapped to values with the wrong data type.
maximumElevationInMeters is mapped to values with the wrong data type.
minimumDepthInMeters is mapped to values with the wrong data type.
minimumElevationInMeters is mapped to values with the wrong data type.

Resource Title LAGPLON - Polynésie francaise

Field Index

Record Level
Occurrence
Event
Location
GeologicalContext
Identification
Taxon
Unmapped columns

Field Filters

Hide unmapped fields

Save Delete Back

Mapping Source Data

Mapping source data data to core extension: Darwin Core Occurrence.

occurrenceID id
Source Sample: *1 | 2 | 3 | 4 | 5*

Filter AfterTranslation

Record Level

dcterms:type

dcterms:modified

dcterms:language

dcterms:rights

dcterms:rightsHolder

dcterms:accessRights

dcterms:bibliographicCitation

institutionID

collectionID collectionID
Source Sample: *38 | 38 | 38 | 38 | 38*
Translation: Add

datasetID datasetID
Use resource DOI
Source Sample: *LAGPLON - Polynésie française | LAGPLON - Polynésie française | LAGPLON - Polynésie française | LAGPLON - Polynésie française | LAGPLON - Polynésie française*
Translation: Add

Field Index

Record Level

Occurrence

Event

Location

GeologicalContext

Identification

Taxon

Unmapped columns

Field Filters

Hide unmapped fields

Save | Delete | Back

Source Sample: *Agaricilidae* | *Agaricilidae* | *Halimedaceae* | *Halimedaceae* | *Halimedaceae*

Translation: Add

genus genus

Source Sample: *Gardineroseris* | *Pavona* | *Halimeda* | *Halimeda* | *Halimeda*

Translation: Add

subgenus

specificEpithet

infraspecificEpithet

taxonRank

verbatimTaxonRank

scientificNameAuthorship

vernacularName

nomenclaturalCode

taxonomicStatus

nomenclaturalStatus

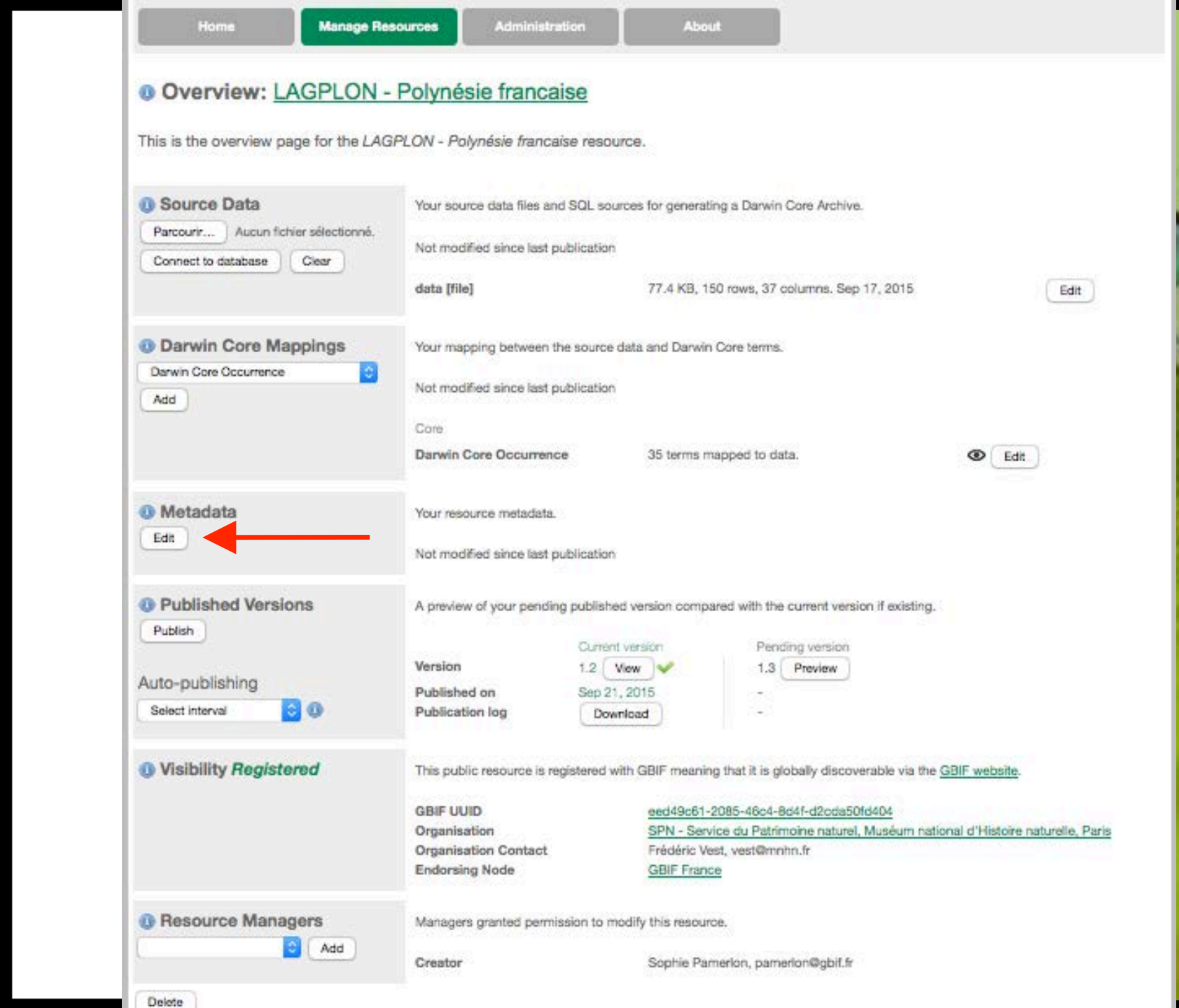
taxonRemarks

Save | Delete | Back

Unmapped columns

The following columns of the source are not mapped to any field in this extension:

- id
- acceptedTaxonName


Home
Manage Resources
Administration
About
Overview: LAGPLON - Polynésie francaise
This is the overview page for the LAGPLON - Polynésie francaise resource.
Source Data
Parcourir...
Aucun fichier sélectionné.
Connect to database
Clear
Your source data files and SQL sources for generating a Darwin Core Archive.
Not modified since last publication
data [file]
77.4 KB, 150 rows, 37 columns. Sep 17, 2015
Edit
Darwin Core Mappings
Darwin Core Occurrence
Add
Your mapping between the source data and Darwin Core terms.
Not modified since last publication
Core
Darwin Core Occurrence
35 terms mapped to data.
Edit
Metadata
Edit
Your resource metadata.
Not modified since last publication
Published Versions
Publish
A preview of your pending published version compared with the current version if existing.
Current version
Pending version
Version
1.2
View
1.3
Preview
Published on
Sep 21, 2015
-
Publication log
Download
-
Auto-publishing
Select interval
Visibility Registered
This public resource is registered with GBIF meaning that it is globally discoverable via the GBIF website.
GBIF UUID
eed49c61-2085-46c4-8d4f-d2cda50fd404
Organisation
SPN - Service du Patrimoine naturel, Muséum national d'Histoire naturelle, Paris
Organisation Contact
Frédéric Vest, vest@mnhn.fr
Endorsing Node
GBIF France
Resource Managers
Add
Managers granted permission to modify this resource.
Creator
Sophie Pamerlon, pamerlon@gbif.fr
Delete
GBIF
www.gbif.org
gbif
France

Basic Metadata

Please enter all the mandatory properties on the Basic Metadata page, and then continue entering metadata in the other pages that are applicable to your resource. The more metadata you provide, the greater the chance that your resource will be found, reused by other researchers, and cited.

Title*

LAGPLON - Polynésie française

Publishing Organisation*

SPN - Service du Patrimoi

Type*

Occurrence

Metadata Language*

French

Update Frequency*

Unknown

Subtype

Select a subtype

Data Language*

French

Data Licence*

Creative Commons Attribution (CC-BY) 4.0

This work is licensed under a Creative Commons Attribution (CC-BY) 4.0 License.

Description*

[Remove this Paragraph]

Ce jeu de données contient toutes les données de LAGPLON concernant la Polynésie française. L'intégration de ces données dans l'INPN s'est faite dans le cadre du programme IPRECOR.
Créé en 1975 par le service plongée de l'ORSTOM (Office de la Recherche Scientifique et Technique Outre-Mer) de Nouméa, LAGPLON est un système d'information de la biodiversité marine des récifs et lagons de Nouvelle-Calédonie et d'autres régions de l'Indo-Pacifique. Depuis quelques années

[Add new Paragraph]

Resource Contacts*

[Remove this resource contact]

First Name

Claude

Last Name*

Payri

Position*

Directrice de recherche

Organisation*

IRD de Nouvelle-Calédonie

Section

- Basic Metadata
- Geographic Coverage
- Taxonomic Coverage
- Temporal Coverage
- Keywords
- Associated Parties
- Project Data
- Sampling Methods
- Citations
- Collection Data
- External links
- Additional Metadata

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Gestion des ressources

Rendre public

Ajouter un gestionnaire

Source Data

Choisissez un fichier Aucun fichier choisi

Connect to database | Clear

Your source data files for generating a Darwin Core Archive. You can upload delimited text files (csv, tab, and files using any other delimiter) either directly or compressed (zip or gzip). To (re)upload a file, please select the local file then click "Add". Alternatively, you can configure *SQL views* to databases in your local network. To create a new SQL source, please click "Connect to database" without any file chosen.

occurrence_gbif_potato_20130513copie 39 KB, 99 rows, 45 columns. 09/01/14 **[file]** Edit

Darwin Core Mappings

Darwin Core Occurrence

Add

Your mapping between the source data and Darwin Core terms.

Darwin Core Occurrence 43 terms mapped to occurrence_gbif_potato_20130513copie Edit

Metadata

Edit

description

Keywords Occurrence

Published Release

Publish

Publier le jeu de données

…n, RTF version, and a Darwin Core Archive (DwC-A) will be created. A …metadata in one zipped archive.

Auto-publishing Select interval

Visibility *Private*

Public

This resource is private to managers. To make this resource available to everyone, please make it public.

Resource Managers

Add

Resources can be managed by several managers. You can grant other managers permission to modify test_sp.

Creator Sophie Pamerlon, pamerlon@gbif.fr

Delete

GBIF INTEGRATED PUBLISHING TOOLKIT (IPT)
free and open access to biodiversity data

Logged in as pamerlon@gbif.fr Account Logout ENGLISH

Home | Manage Resources | Administration | About

Publishing version #1 of resource test_sp started

test_sp

Publishing Status

Jan 9, 2014 5:32:58 PM

Publishing version #1 of resource test_sp finished successfully

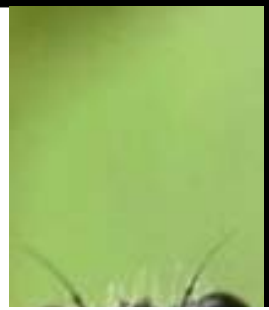
Continue to resource overview.

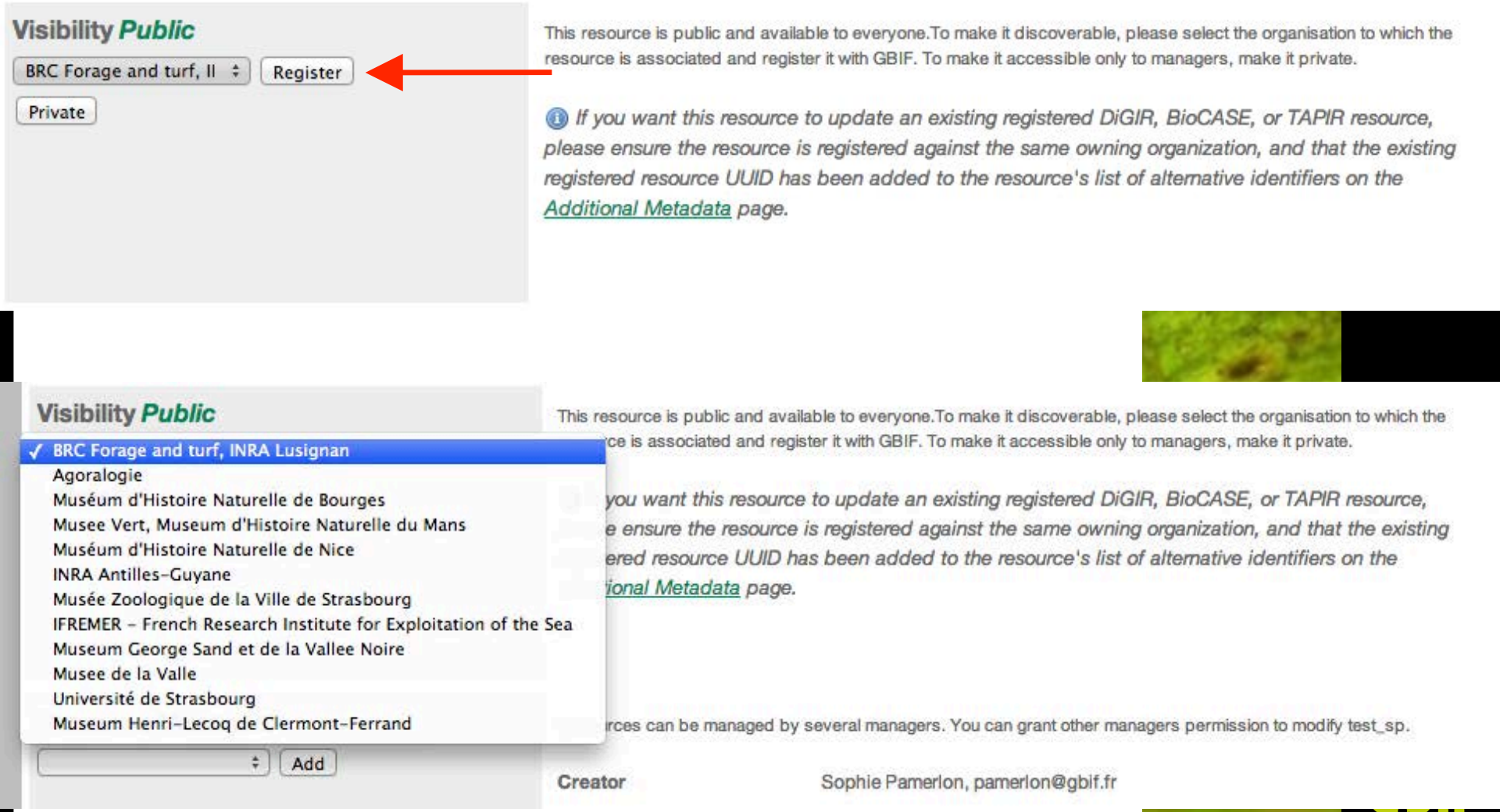
Download the complete Publication Log

Log Messages

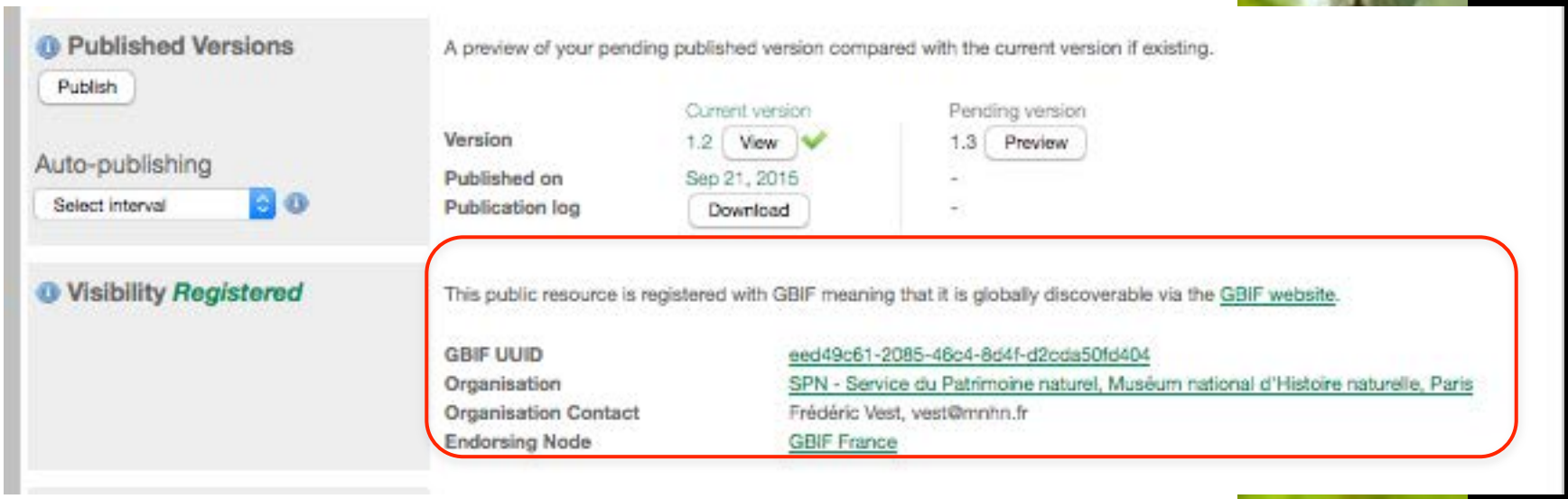
- Archive generation started for version #1 5:32:39 PM
- Start writing data file for Darwin Core Occurrence 5:32:39 PM
- Data file written for Darwin Core Occurrence with 99 records and 44 columns 5:32:39 PM
- All data files completed 5:32:39 PM
- EML file added 5:32:39 PM
- meta.xml archive descriptor written 5:32:39 PM
- Archive compressed 5:32:39 PM
- Archive generated successfully! 5:32:39 PM

Enregistrement d'une ressource (1)





Enregistrement d'une ressource (2)



Hello Sophie or Logout

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Free and open access to biodiversity data

Data News Community About

MNHN - Museum national d'Histoire naturelle

Data publisher. More info at: http://www.mnhn.fr

Information

Data publisher information

FULL TITLE
MNHN - Museum national d'Histoire naturelle

DESCRIPTION
The MNHN is the main French institution for natural history. Both a scientific establishment and a public service, applying itself to research and the dissemination of knowledge, the Museum has five main foundin
of its activities. *Fundamental and applied rese
planet *Education and pedagogy *Disseminati

WEBSITE
http://www.mnhn.fr

ENDORSED BY
GBIF France

Published datasets

- Coleoptera specimens of the Muséum national d'Histoire naturelle
  Occurrence dataset. Updated 19 sept. 2012. 3 682 records (1 288 georeferenced)
- Orthoptera collection at the Muséum national d'Histoire naturelle
  Occurrence dataset. Updated 19 sept. 2012. 2 348 records
- Fish collections of Museum national d'Histoire naturelle
  Occurrence dataset. Updated 25 avr. 2012. 130 013 records (58 242 georeferenced)
- Nematoda specimens
  Occurrence dataset. Updated 22 nov. 2011. 14 317 records
- Reptile and Amphibian specimens
  Occurrence dataset. Updated 22 nov. 2011. 150 272 records
- Tunicata specimens
  Occurrence dataset. Updated 22 nov. 2011. 8 887 records

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www.gbif.org

gbif France

GBIF Global Biodiversity Information Facility

Data News Community About

Coleoptera collection (EC) of the Mus…

Occurrence dataset published by MNHN - Museum national d'Histoire naturelle

4 537
Occurrences
View occurrences

Information Stats Activity

Summary

FULL TITLE
Coleoptera collection (EC) of the Muséum national d'Histoire naturelle (MNHN - Paris)

turelle (Paris).

DOI doi:10.15468/j3leej

PUBLISHED BY
MNHN - Museum national d'Histoire naturelle

PUBLICATION DATE
4 juin 2015

REGISTRATION DATE
25 avr. 2012

SERVED BY
MNHN - Collections

ALTERNATIVE IDENTIFIERS
- Source webpage
  http://collections.mnhn.fr/ipt...
- UUID
  eff7d030-3013-43da-b686-6bafdd...

EXTERNAL DATA
- Darwin Core Archive

1 902 Georeferenced data

VIEW RECORDS
All records | In viewable area

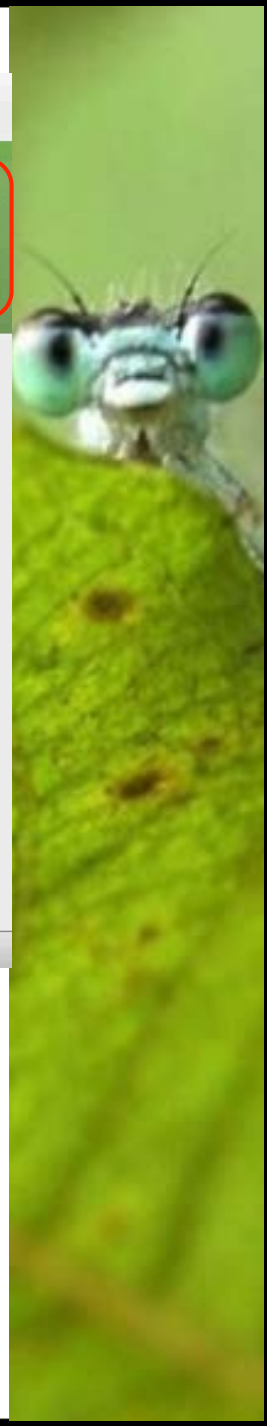
ABOUT
What does this map show?

Other Contacts

CONTENT PROVIDER
Antoine Mantilleri

Citation and licensing

DEFAULT CITATION
MNHN - Museum national d'Histoire naturelle: Coleoptera collection (EC) of the Muséum national d'Histoire naturelle (MNHN - Paris), 2015-06-03.
Accessed via http://www.gbif.org/dataset/eff7d030-3013-43da-b686-6bafdd228131 on 2015-10-09



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Documentation & Références

IPT v2 User Manual

http://code.google.com/p/gbif-providertoolkit/wiki/IPT2ManualNotes

Tutoriel de publication des données d'occurrences

http://code.google.com/p/gbif-providertoolkit/wiki/TutorialOccurrenceResource

Data Quality Hub

http://www.gbif.es/BDQ.php

Guides de bonnes pratiques en plusieurs langues

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Sommaire

1. Présentation du GBIF et de ses standards
2. Integrated Publishing Toolkit (IPT)
3. IPT : nouvelles fonctionnalités

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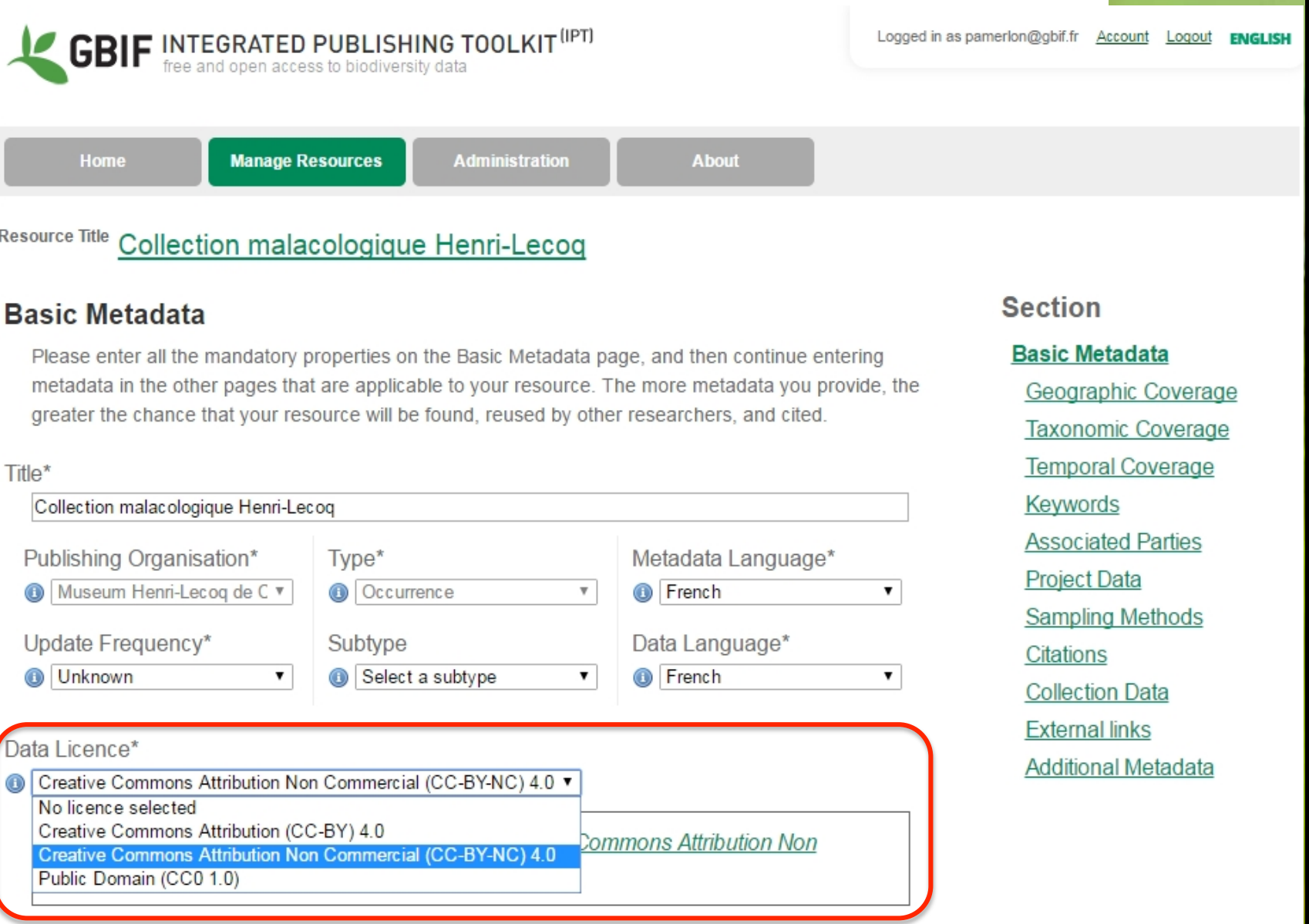
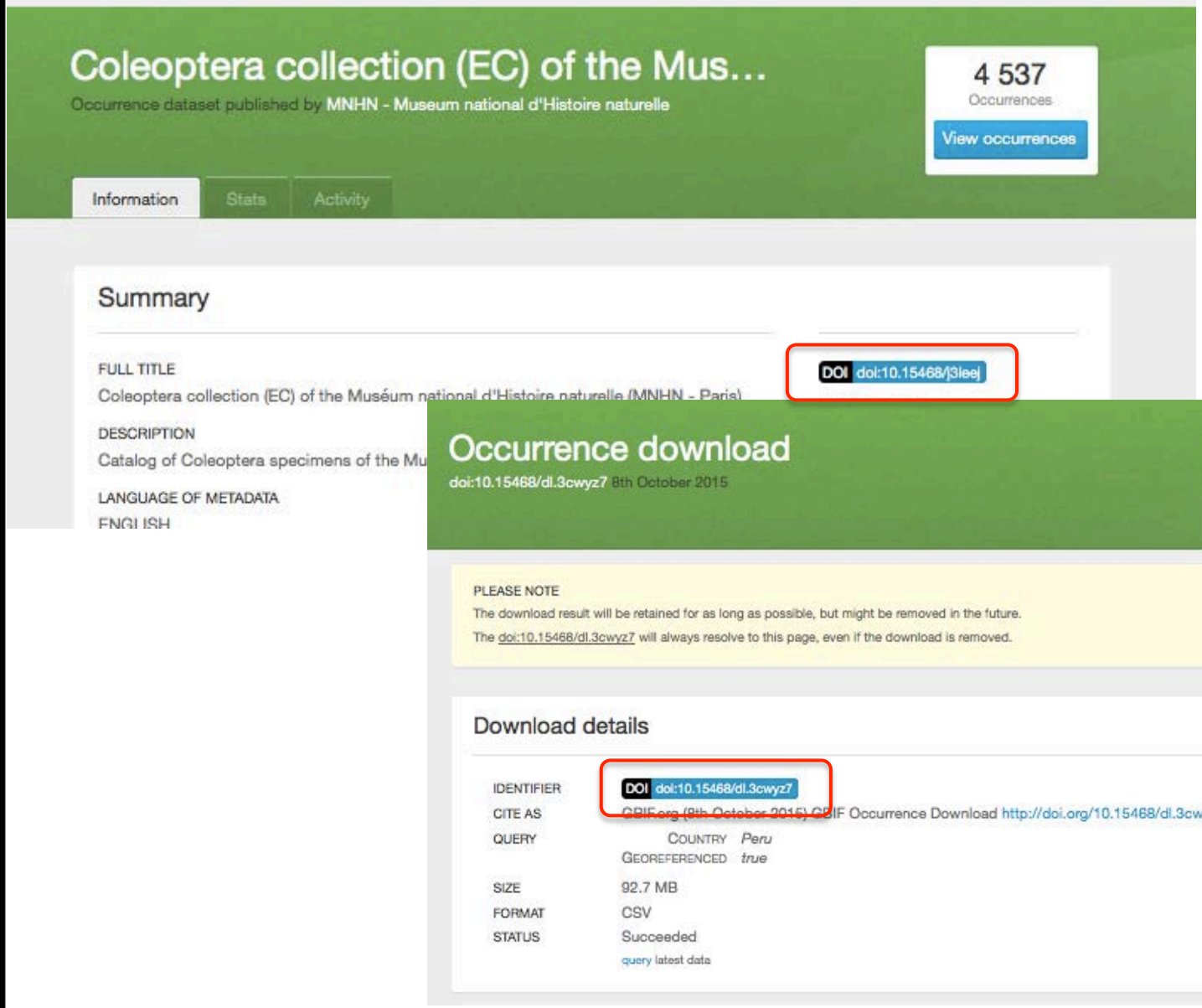
Licences pour les jeux de données



DOI (Digital Object Identifier)



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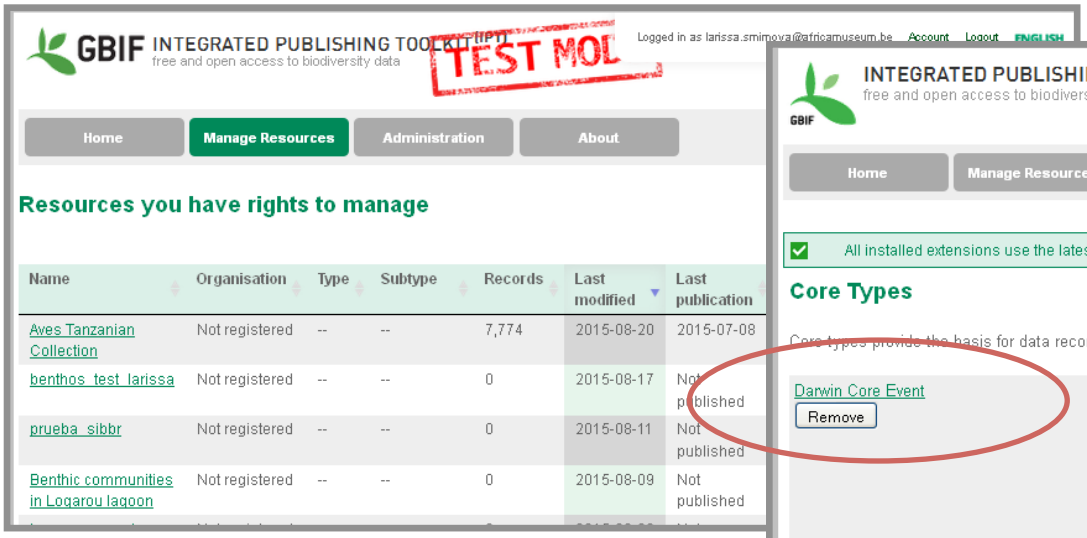
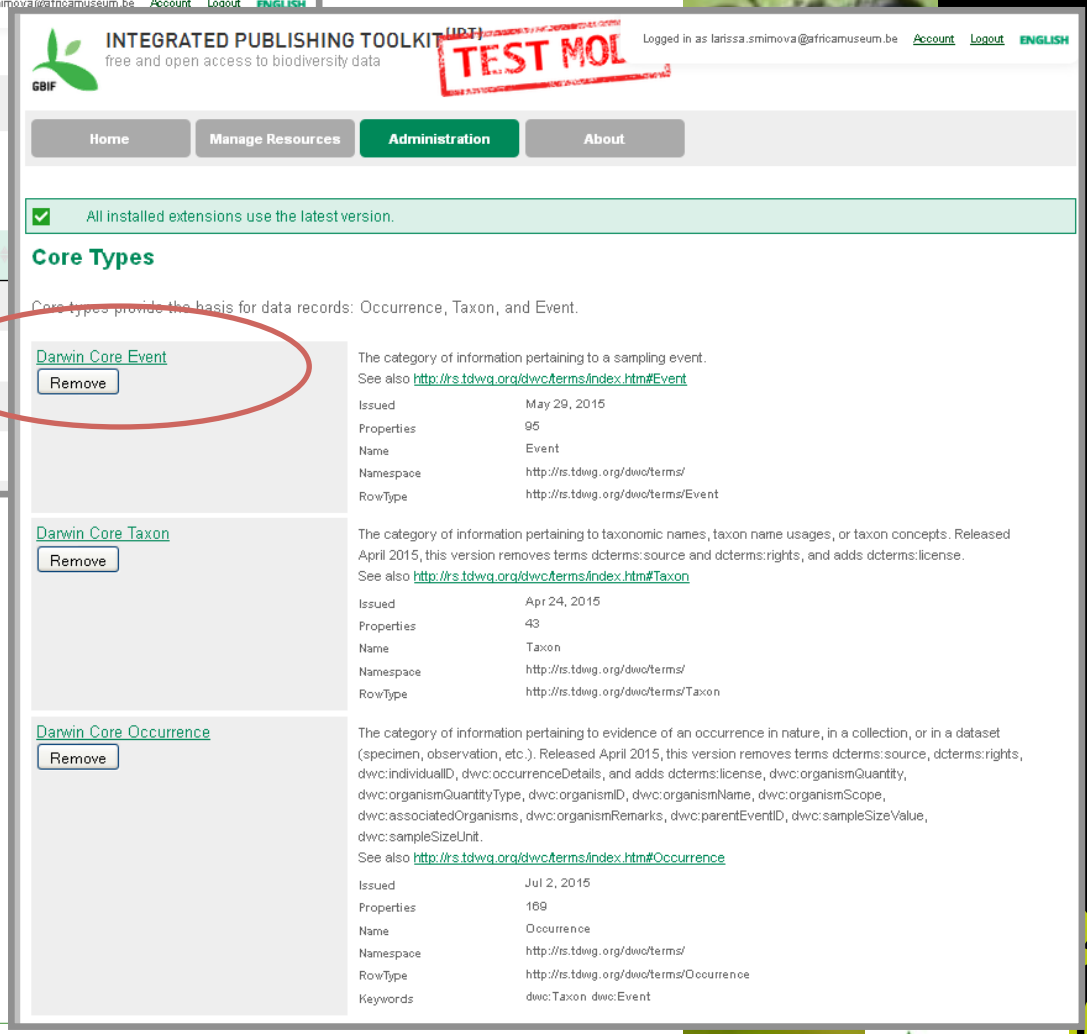
Publication de données d'échantillonnage

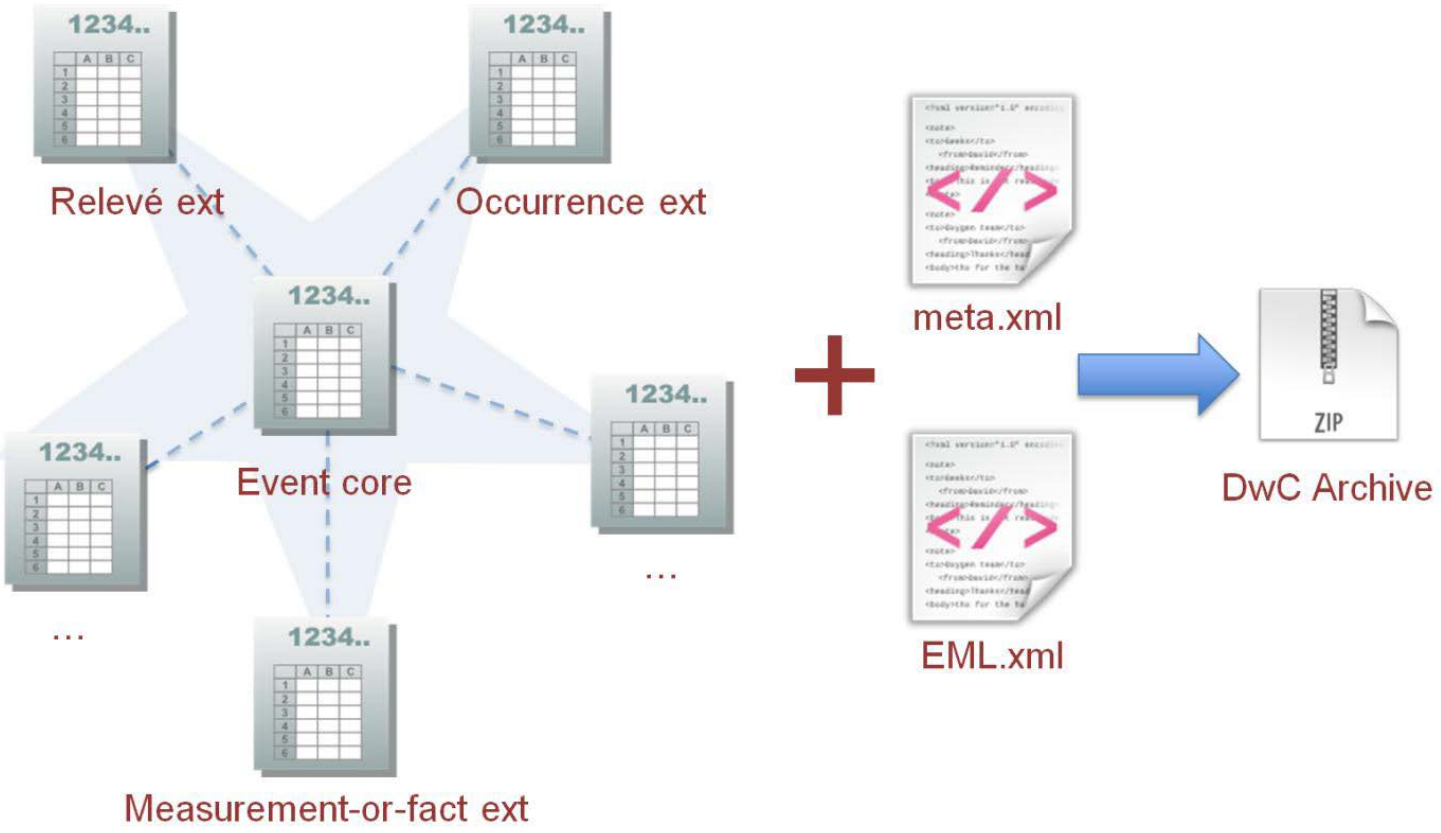




Nouvelles fonctionnalités de l'IPT

- **Event core et extensions**
- Possibilité d'attribuer un DOI aux ressources
- Génération automatique de citation pour une ressource, incluant le numéro de version et le DOI
- Licences pour les jeux de données

Archive Darwin Core pour les données d'échantillonnage



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Termes Darwin Core pour les données d'échantillonnage

7 termes essentiels pour le mapping des données d'échantillonnage :

1. eventID
2. parentEventID (nouveau)
3. samplingProtocol
4. sampleSize (nouveau)
5. sampleSizeUnit (nouveau)
6. organismQuantity (nouveau)
7. organismQuantityType (nouveau)

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Système Mondial d'Information sur la Biodiversité

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Recherche dans le site

ACTUALITÉS

01/07/2015

Nouveaux groupes de travail GBIF sur l'adéquation des données à l'usage

Le GBIF a mis en place deux nouveaux groupes de travail pour améliorer l'utilisation des données accessibles via le réseau GBIF dans les domaines de l'agrobiodiversité et de la modélisation des répartitions d'espèces. Ces deux groupes, composés d'experts internationaux, auront pour tâche d'estimer la couverture et la complétude de ces données afin de recommander des bonnes pratiques pour améliorer la recherche et ses applications concrètes dans ces domaines d'études.

En savoir plus

5 sur 5

LE GBIF FRANCE

En tant que membre du Système mondial d'information sur la biodiversité (GBIF) depuis sa création en 2001, la France s'engage à promouvoir l'accès libre et ouvert aux données sur la biodiversité, via Internet.

En savoir plus

AGENDA

Formation GBIF France dans le cadre de l'ECOSCOPE	15/09/2015 au 16/09/2015
Colloque Agreenium : Partage des données pour l'agriculture, l'alimentation et l'environnement	04/09/2015
ICCB-ECCB 2015 Conference	02/08/2015 au 06/08/2015
Our Common Future Under Climate Change	07/07/2015 au 10/07/2015

Consulter l'agenda

ACCÈS DIRECT

- **» Le GBIF**
- **» Portail de données**
- **» Formations**
- **» Créer son datapaper**

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Accueil / Contribuer / Portail Atlas of Living France

Mercredi 27 Mai 2015

LES DONNÉES FRANÇAISES SUR LA BIODIVERSITÉ

Le portail français du GBIF ouvre l'accès aux données primaires sur la biodiversité fournies par des institutions françaises. Ces données d'occurrences d'espèces sont issues de collections ou d'observations de terrain et ont une distribution géographique mondiale.

CONSULTER LES 17 575 131 OCCURRENCES

Nom scientifique, nom vernaculaire, etc.

Recherche avancée

https://github.com/AtlasOfLivingAustralia/documentation/wiki

LES COLLECTIONS

Informations sur les collections françaises sur la biodiversité. Vous retrouvez la description, les contacts et autres informations pratiques sur les acteurs français principaux de la biodiversité.

Accès aux données d'occurrences et informations sur les jeux de données publiés par les institutions ou collections participant au GBIF (licence, citation, etc.)

Exploration des occurrences géo-référencées (en cours de construction).

Accéder aux collections | Accéder aux jeux de données | Explorer les occurrences

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collaborative translation tool crowdin

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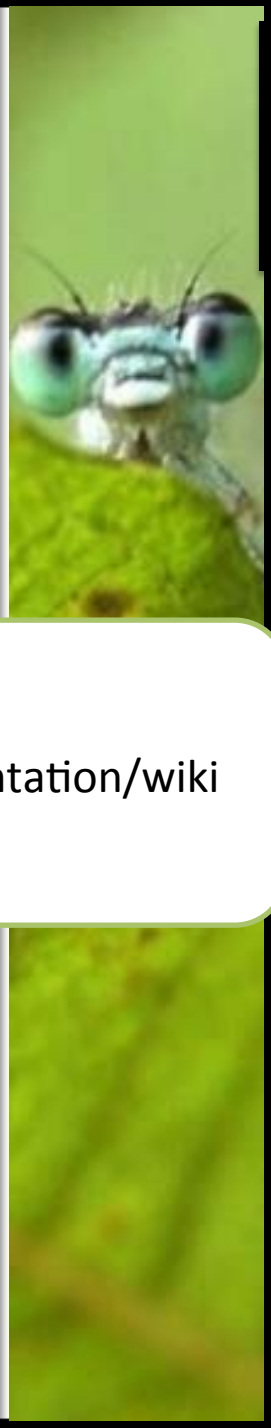

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Mercredi 27 Mai 2015

MÉTADONNÉES SUR LES INSTITUTIONS, LES COLLECTIONS ET LES PROJETS

Découvrez l'institution, les collections qu'elle contient et affichez les enregistrements de spécimens qui ont été informatisés. Actuellement, seules les collections de France partenaires sont affichées. Au fil du temps, cette liste sera élargie pour inclure toutes les collections dhistoire naturelle de {0}.

Cliquez sur un des bouton pour afficher uniquement ces organismes.

Toutes les collections
Show all 79 collections.

Flore
Plantes vasculaires, algues, lichens et bryophytes.

Faune
Mammifères, oiseaux, reptiles, poissons, amphibiens et invertébrés.

Mycètes
Champignons.

Micro-organismes
Protistes, bactéries, virus, champignons microscopiques et algues microscopiques.

Paléontologie
Organismes fossiles.

Carte | Liste

Cliquez sur une épingle de la carte pour voir les collections à cet endroit. Utilisez les commandes de la carte pour zoomer sur une zone d'intérêt. Ou faites glisser la souris tout en maintenant la touche Maj enfoncée pour effectuer un zoom sur une zone.

indique qu'il y a plusieurs collections à cet endroit.

79 collections in total.

61 collections are currently visible on the map.
9 collections cannot be mapped.

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Merci de votre attention !

Equipe GBIF France

gbif@gbif.fr

Site web

www.gbif.fr

Twitter

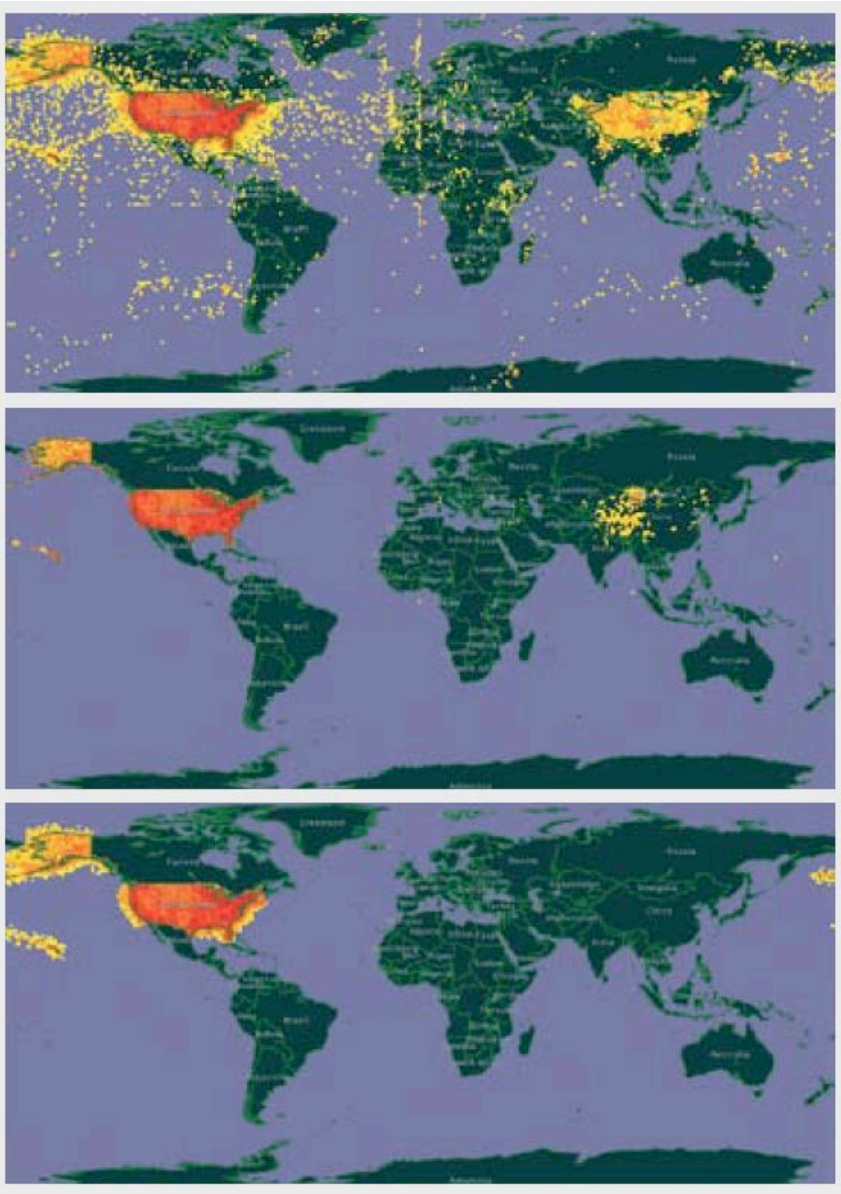
@gbiffrance

Qualité des données : détection des erreurs de géoréférencement

Avant 2011

En 2011

Depuis 2013



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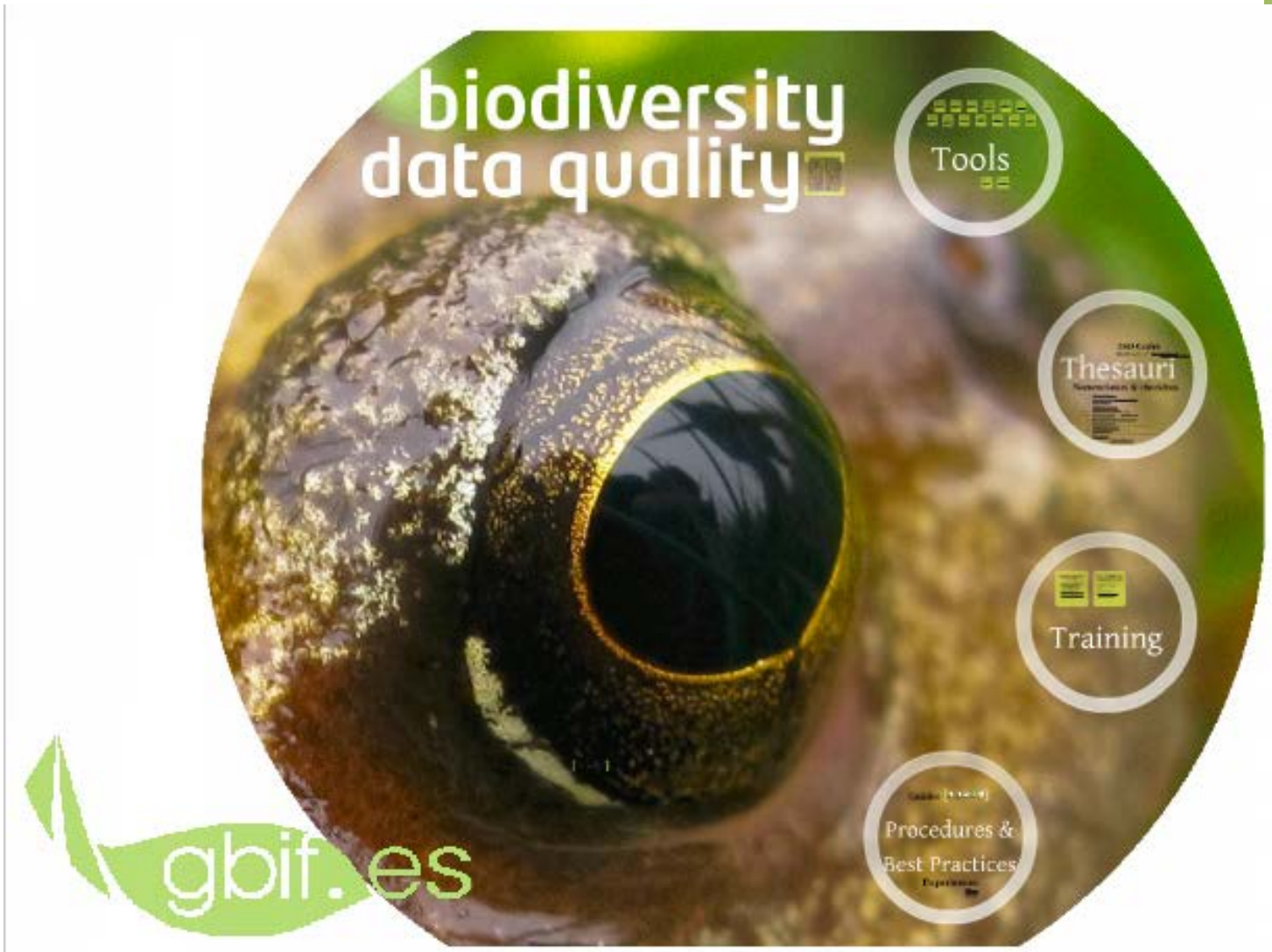
http://www.gbif.es/BDQ.php