



Formation GBIF sur la qualité, la publication et l'utilisation des données sur la biodiversité - Antananarivo, 04 - 05 avril 2016

Comment publier des données d'occurrence et enregistrer des jeux de données au GBIF

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Terminologie

- Fournisseur de données
(*Data Publisher, Provider*)
- Jeu de données, Ressource
(*Data Resource, data set*)
- Type de ressource
(*Métadonnées, Occurrences, Taxons*)
- Enregistrements
(*Data record*)
- Champs, concept, colonne
(*Data record element, term, field, column, property, attribute, concept (e.g., BasisOfRecord, scientificName)*)
- Valeurs (*Data value*)
- Standards, Vocabulaires



Fournisseurs de données



Institutions or individus ayant une seule ressource



Institutions, groupes, ou individus ayant plusieurs ressources



Institutions avec plusieurs départements, chacun ayant plusieurs ressources.



Types de ressources



Métadonnées – décrivant les jeux de données d'*Occurrences* et de *Taxons*.



Données primaires (Specimens & Observations, Données écologiques)

- La donnée source est l'*Occurrence* de l'organisme



Catalogues taxonomiques et Checklists.

- La donnée source est le *Taxon*



Standards d'échange



Métadonnées



臺灣亞木蛭
Eudocima homaena (Hübner, 1823)
Female
27.10.2008, Gianjyen
Sindian, Taipei City, Taiwan
identified by Bettman

Données primaires



Données taxonomiques

Ecological Metadata
Language (**EML**)

- *Description riche des jeux de données*
- *GBIF Profile*

Darwin Core

- *180 concepts*
- *Ratifié en 2009 (TDWG)*
- *Fichiers texte*
- *Extensible*

Ou ABCD (TDWG)

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



Enregistrements

Ressource de type Taxon

TaxonID	Kingdom	Phylum	Class	Order	Family	Genus	Species
1	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	<i>Chlorolestes</i>	<i>apricans</i>
2	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	<i>Chlorolestes</i>	<i>conspicuus</i>
3	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	<i>Chlorolestes</i>	<i>draconicus</i>
4	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	<i>Chlorolestes</i>	<i>elegans</i>

Ressource de type Occurrence

OccurrenceID	institutionCode	collectionCode	catalogNumber	scientificName	locality
1	MCZ	HERPAMPH	A-16806	<i>Afrivalus fornasinii fornasinii</i>	Morogoro: Ukani: Tanganyika Territory
2	MCZ	HERPAMPH	A-16807	<i>Afrivalus fornasinii fornasinii</i>	Morogoro: Ukani: Tanganyika Territory
3	MCZ	HERPAMPH	A-16808	<i>Afrivalus fornasinii fornasinii</i>	Morogoro: Ukani: Tanganyika Territory
4	MCZ	HERPAMPH	A-16809	<i>Afrivalus fornasinii fornasinii</i>	Morogoro: Ukani: Tanganyika Territory



Champs

Taxon resource type

TaxonID	Kingdom	Phylum	Class	Order	Family	Genus	Species
1	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	<i>Chlorolestes</i>	<i>apricans</i>
2	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	<i>Chlorolestes</i>	<i>conspicuus</i>
3	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	<i>Chlorolestes</i>	<i>draconicus</i>
4	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	<i>Chlorolestes</i>	<i>elegans</i>

Occurrence resource type

OccurrenceID	institutionCode	collectionCode	catalogNumber	scientificName	locality
1	MCZ	HERPAMPH	A-16806	<i>Afrivalus fornasinii fornasinii</i>	Morogoro: Ukani: Tanganyika Territory
2	MCZ	HERPAMPH	A-16807	<i>Afrivalus fornasinii fornasinii</i>	Morogoro: Ukani: Tanganyika Territory
3	MCZ	HERPAMPH	A-16808	<i>Afrivalus fornasinii fornasinii</i>	Morogoro: Ukani: Tanganyika Territory
4	MCZ	HERPAMPH	A-16809	<i>Afrivalus fornasinii fornasinii</i>	Morogoro: Ukani: Tanganyika Territory



Valeurs

Taxon resource type

TaxonID	Kingdom	Phylum	Class	Order	Family	Genus	Species
1	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	<i>Chlorolestes</i>	<i>apricans</i>
2	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	<i>Chlorolestes</i>	<i>conspicuus</i>
3	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	<i>Chlorolestes</i>	<i>draconicus</i>
4	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	<i>Chlorolestes</i>	<i>elegans</i>

Occurrence resource type

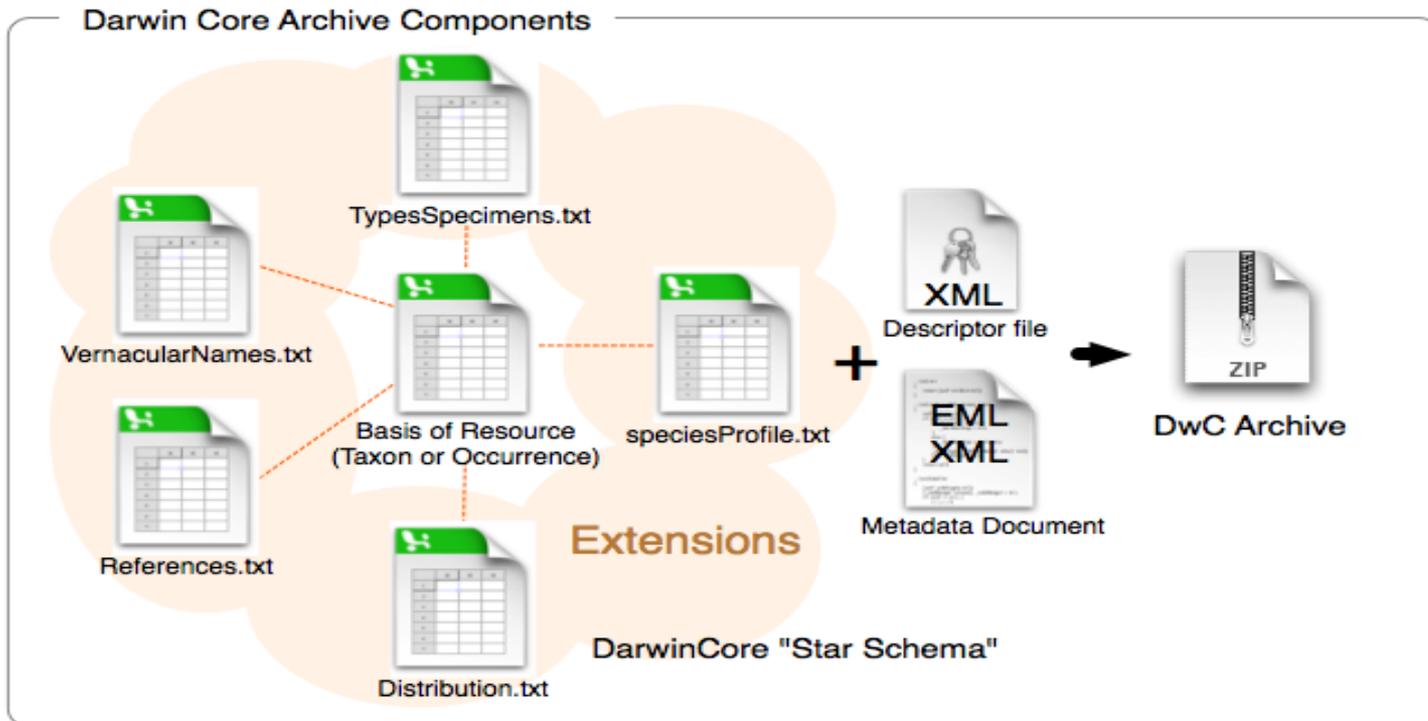
OccurrenceID	institutionCode	collectionCode	catalogNumber	scientificName	locality
1	MCZ	HERPAMPH	A-16806	<i>Afrixalus fornasinii fornasinii</i>	Morogoro: Ukani: Tanganyika Territory
2	MCZ	HERPAMPH	A-16807	<i>Afrixalus fornasinii fornasinii</i>	Morogoro: Ukani: Tanganyika Territory
3	MCZ	HERPAMPH	A-16808	<i>Afrixalus fornasinii fornasinii</i>	Morogoro: Ukani: Tanganyika Territory
4	MCZ	HERPAMPH	A-16809	<i>Afrixalus fornasinii fornasinii</i>	Morogoro: Ukani: Tanganyika Territory



Darwin Core Archive

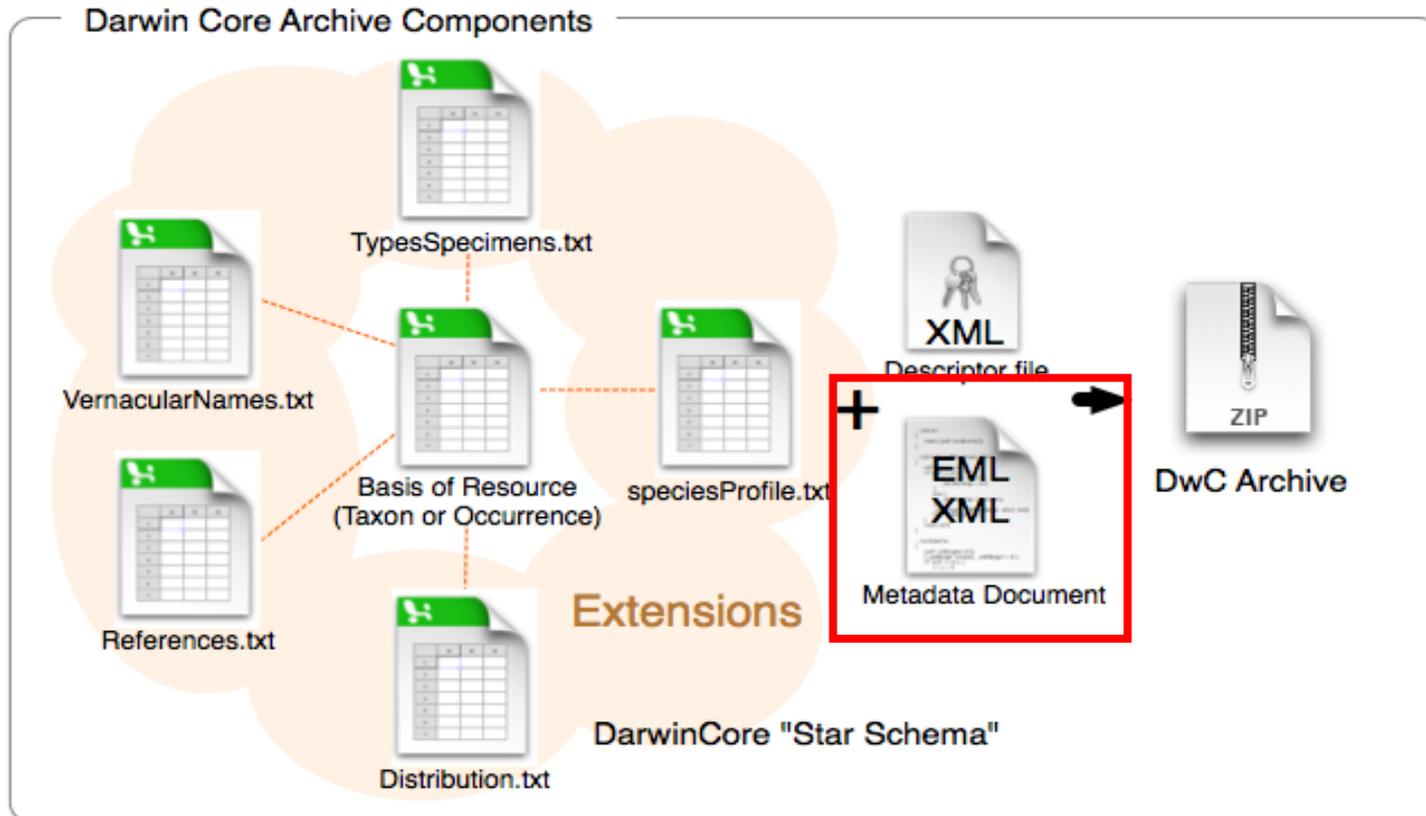
Contenu de l'archive

- Une archive correspond à un jeu de données
- Fichiers formatés par le standard Darwin Core
- Données d'occurrences ou taxonomiques



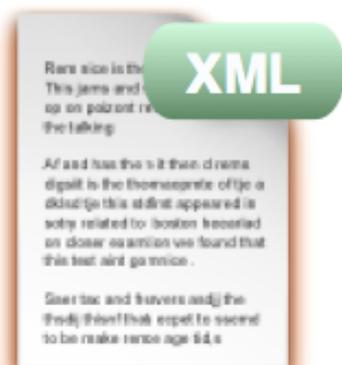
Darwin Core Archive: Anatomie

Les archives ont toujours un fichier de métadonnées EML



Ecological Metadata Language (EML)

Décrit les jeux de données
– même ceux qui ne sont pas publiés



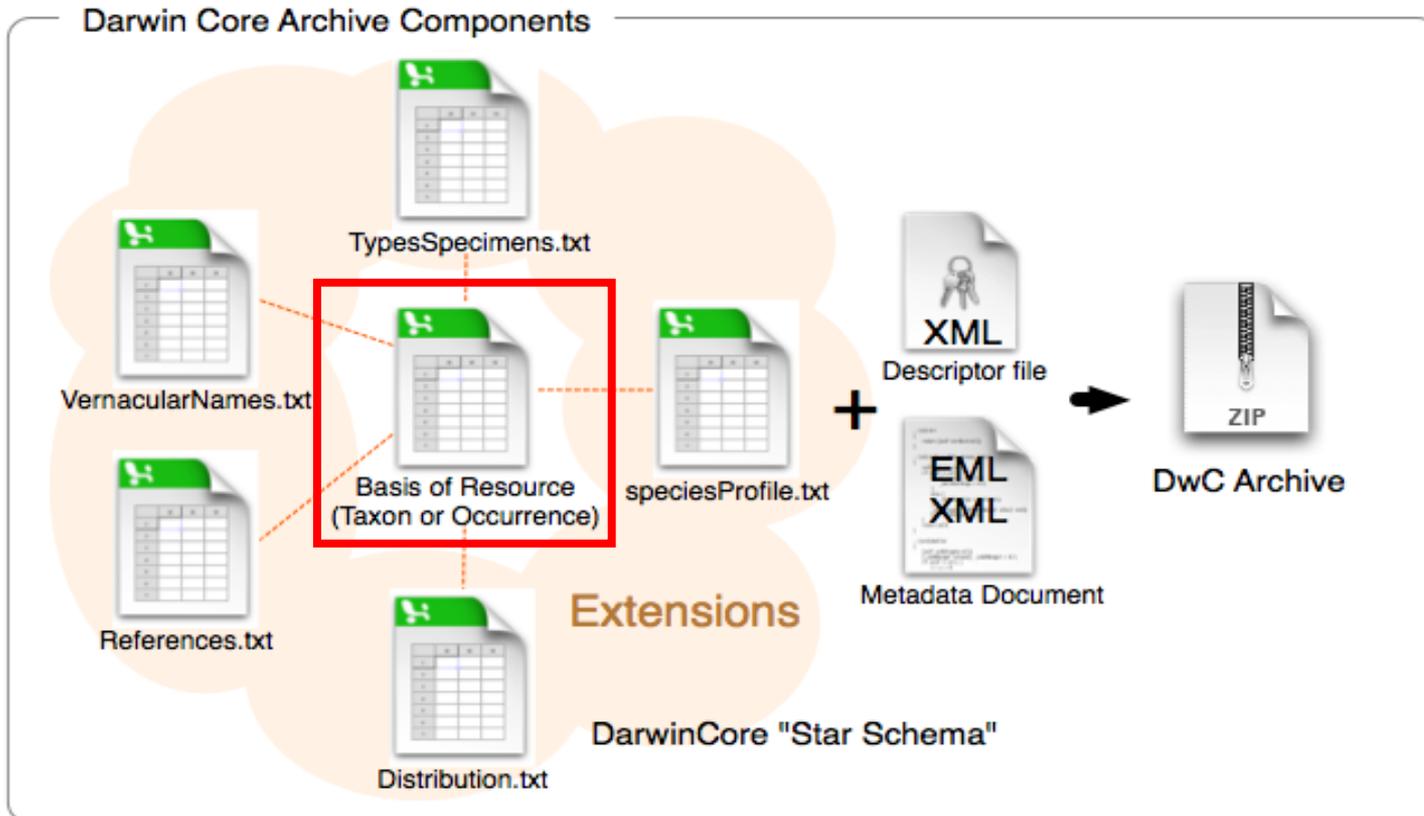
EML.xml

- Titre et Description
- Citation et Attribution
- Contacts et Auteurs
- Couverture Géographique
- Méthode d'échantillonnage
- Bibliographie
- Et plus...

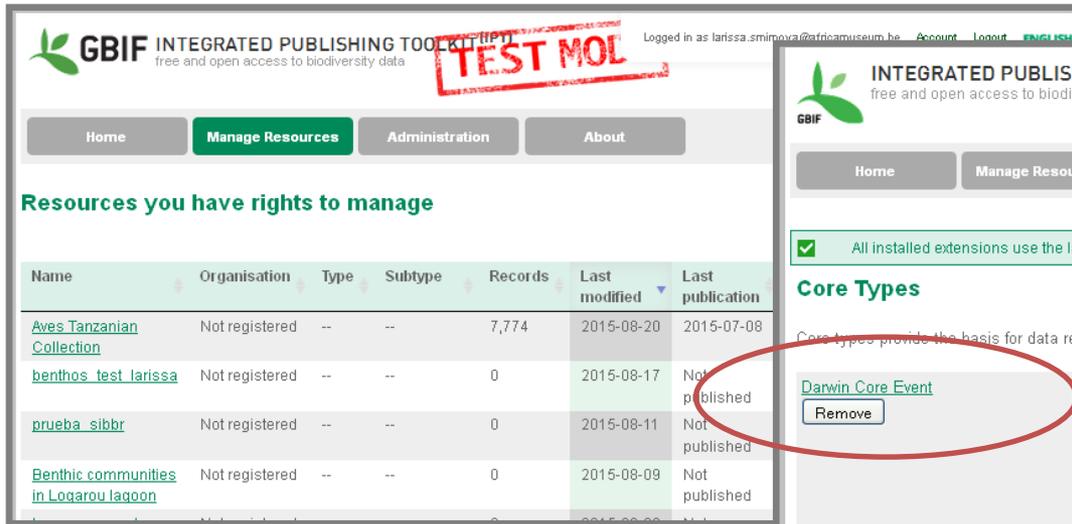


Darwin Core Archive: Anatomie

Les archives ont toujours un fichier de données principal (Core Data File)



Publication de données d'échantillonnage



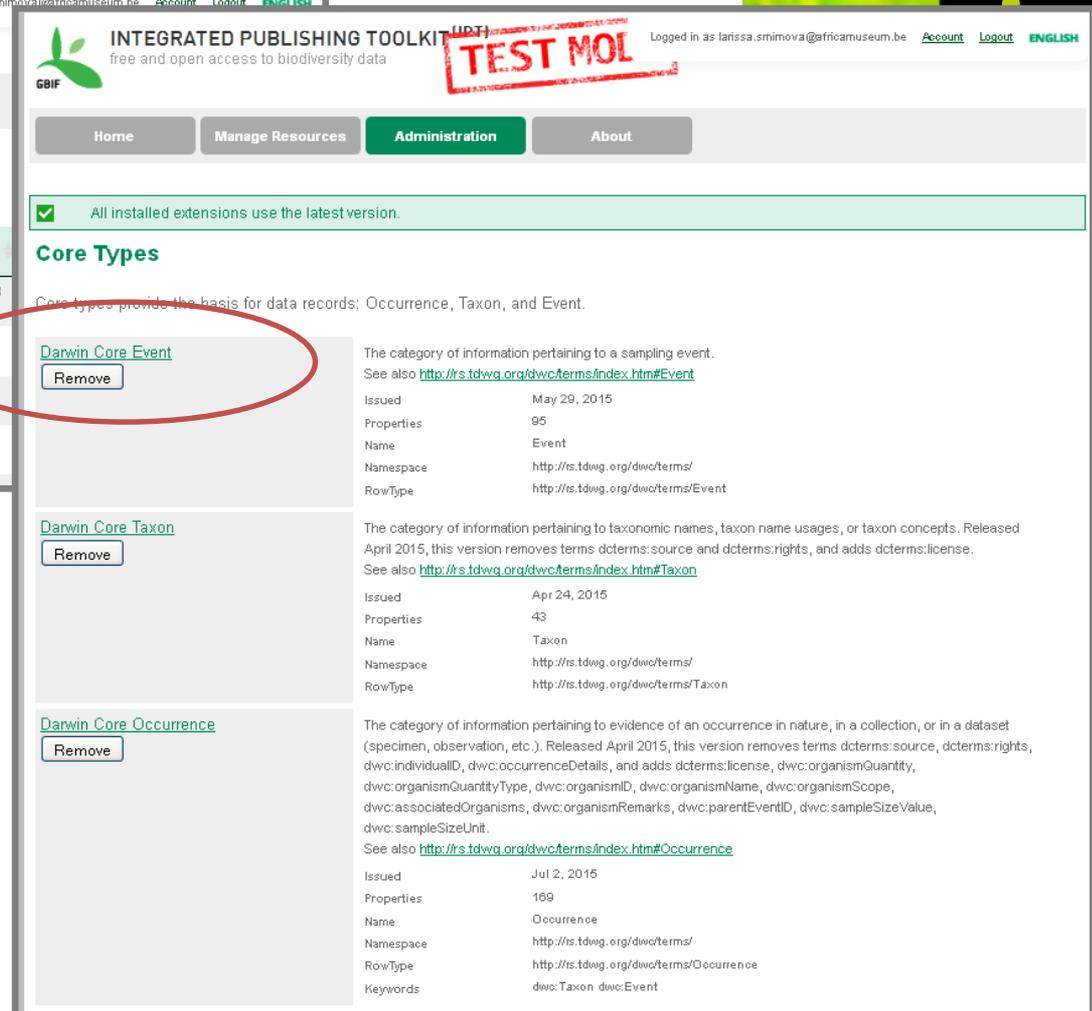
GBIF INTEGRATED PUBLISHING TOOLKIT (IPT)
free and open access to biodiversity data

Logged in as larissa.smimova@afriamuseum.be Account Logout ENGLISH

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Resources you have rights to manage

Name	Organisation	Type	Subtype	Records	Last modified	Last publication
Aves Tanzanian Collection	Not registered	--	--	7,774	2015-08-20	2015-07-08
benthos_test_larissa	Not registered	--	--	0	2015-08-17	Not published
prueba_sibbr	Not registered	--	--	0	2015-08-11	Not published
Benthic communities in Logarou lagoon	Not registered	--	--	0	2015-08-09	Not published



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

Logged in as larissa.smimova@afriamuseum.be Account Logout ENGLISH

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All installed extensions use the latest version.

Core Types

Core types provide the basis for data records: Occurrence, Taxon, and Event.

[Darwin Core Event](#)
Remove

[Darwin Core Taxon](#)
Remove

[Darwin Core Occurrence](#)
Remove

The category of information pertaining to a sampling event. See also <http://rs.tdwg.org/dwc/terms/index.htm#Event>

Issued: May 29, 2015
Properties: 95
Name: Event
Namespace: <http://rs.tdwg.org/dwc/terms/>
RowType: <http://rs.tdwg.org/dwc/terms/Event>

The category of information pertaining to taxonomic names, taxon name usages, or taxon concepts. Released April 2015, this version removes terms dcterms:source and dcterms:rights, and adds dcterms:license. See also <http://rs.tdwg.org/dwc/terms/index.htm#Taxon>

Issued: Apr 24, 2015
Properties: 43
Name: Taxon
Namespace: <http://rs.tdwg.org/dwc/terms/>
RowType: <http://rs.tdwg.org/dwc/terms/Taxon>

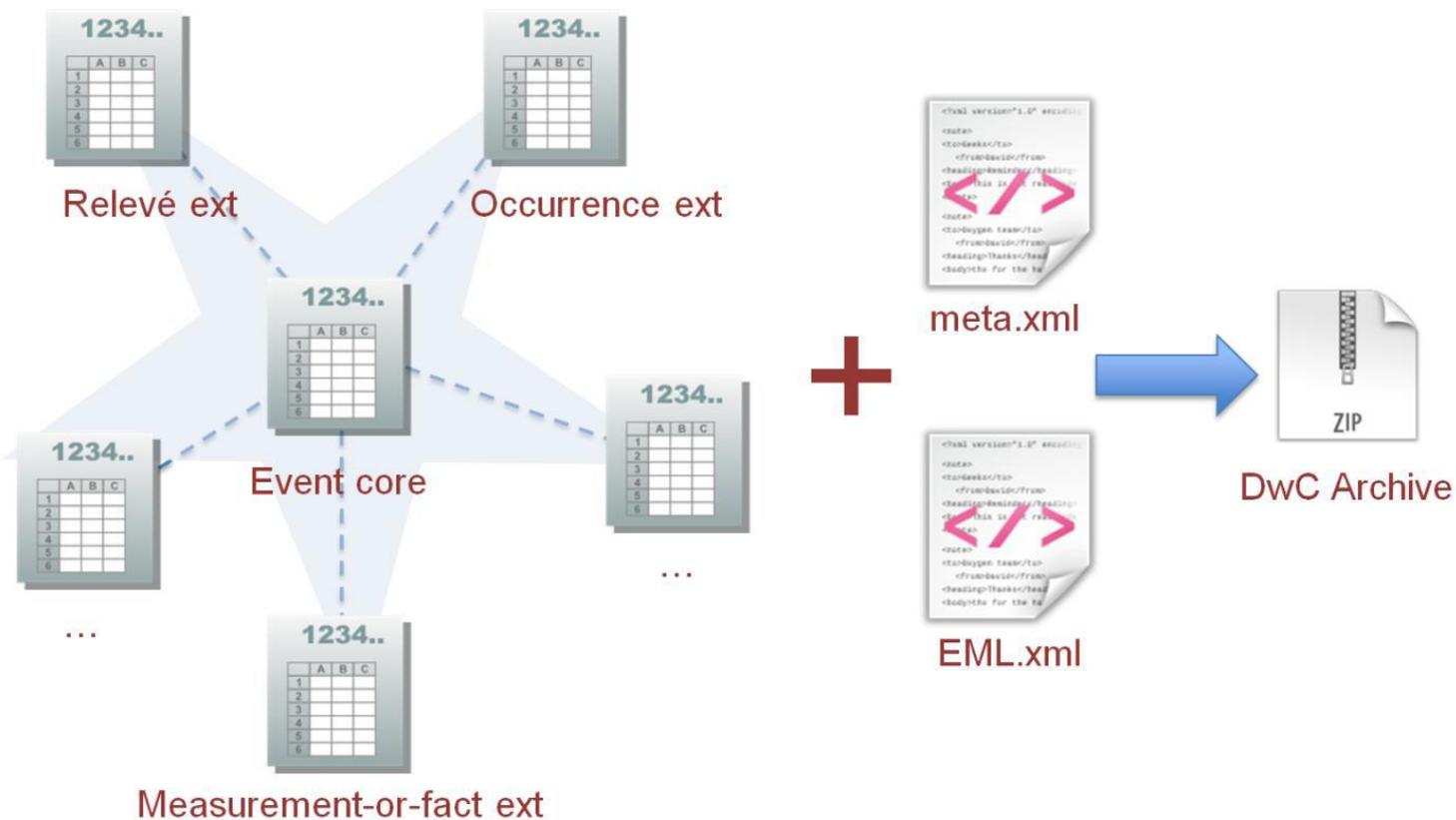
The category of information pertaining to evidence of an occurrence in nature, in a collection, or in a dataset (specimen, observation, etc.). Released April 2015, this version removes terms dcterms:source, dcterms:rights, dwc:individualID, dwc:occurrenceDetails, and adds dcterms:license, dwc:organismQuantity, dwc:organismQuantityType, dwc:organismID, dwc:organismName, dwc:organismScope, dwc:associatedOrganisms, dwc:organismRemarks, dwc:parentEventID, dwc:sampleSizeValue, dwc:sampleSizeUnit. See also <http://rs.tdwg.org/dwc/terms/index.htm#Occurrence>

Issued: Jul 2, 2015
Properties: 169
Name: Occurrence
Namespace: <http://rs.tdwg.org/dwc/terms/>
RowType: <http://rs.tdwg.org/dwc/terms/Occurrence>
Keywords: dwc:Taxon dwc:Event

Nouvelles fonctionnalités de l'IPT

- **Event core et extensions**
- Possibilité d'attribuer un DOI aux ressources
- Génération automatique de citation pour une

Archive Darwin Core pour les données d'échantillonnage



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)



Termes Darwin Core

Darwin Core = standard de données → interopérabilité

Termes obligatoires (* dans le fichier modèle) :

- `institutionCode` (ex : MNHN) : nom ou acronyme de l'institution ayant la garde de l'occurrence
- `catalogNumber` (ex : PPG-CF-00001) : identifiant (si possible unique) de chaque occurrence dans le jeu de données ou la collection
- `collectionCode` (ex : Entomologie) : nom ou acronyme du jeu de données ou de la collection dont l'occurrence provient
- `scientificName` (ex: *Canis lupus*) : nom scientifique complet avec paternité et date (si connus)
- `basisOfRecord` (ex : observation, specimen, fossil...) : nature spécifique de l'enregistrement



Termes importants :

taxonomie, **géographie** (surtout latitude et longitude), conditions de prélèvement ou d'observation, contexte géologique, **date**, habitat, médias associés...

Possibilité d'ajouter des extensions (vocabulaire plus spécifique) :

- Taxonomie détaillée
- Ajout de noms vernaculaires
- Images
- ...

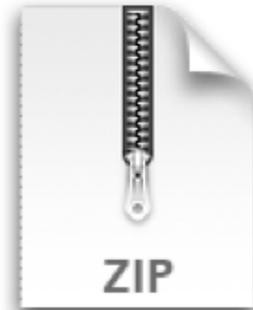
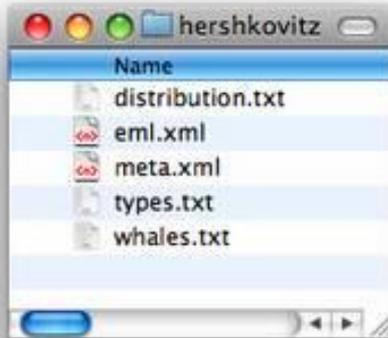
Pour plus d'informations (définition et traduction des termes Darwin Core) :

http://terms.tdwg.org/wiki/Darwin_Core



Darwin Core Archive

Le dossier est zippé



Ceci est une archive
DarwinCore

- Fichiers de données
- Fichier de correspondance des colonnes (meta.xml)
- Fichier de métadonnées (eml.xml)



Darwin Core Archive : avantages

- Format simple (Fichiers texte)
- Stockage efficace (compressé)
- Récolte efficace (un seul fichier)
- Simple d'accès (pas besoin de logiciel spécifique)
- Extensible

Format le plus souvent utilisé pour la publication des données sur le réseau GBIF

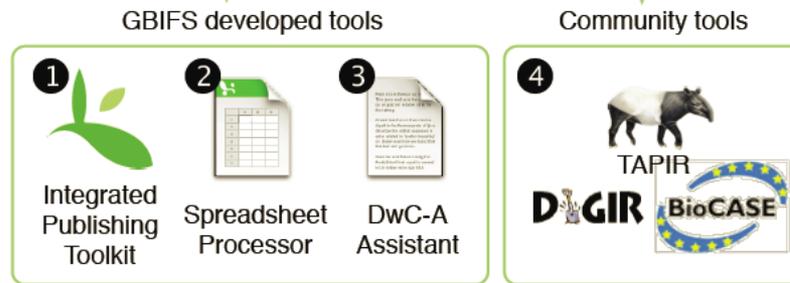


Processus de publication des données

Which type of data?



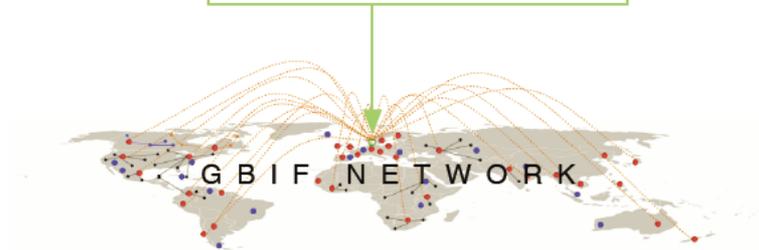
Select a tool



Publish your data

Register with GBIF

Discovery through the Portal



Présentation de l'IPT (Integrated Publishing Toolkit)



Pour installer l'IPT

- Version 2.0.5
- Serveur Tomcat
- Disponible sur Google Code





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 <input type="button" value="Arrêter"/> <input type="button" value="Recharger"/> <input type="button" value="Retirer"/> <input type="button" value="Expirer les sessions"/> inactives depuis ≥ <input type="text" value="30"/> minutes
/docs	None specified	Tomcat Documentation	true	0	Démarrer <input type="button" value="Arrêter"/> <input type="button" value="Recharger"/> <input type="button" value="Retirer"/> <input type="button" value="Expirer les sessions"/> inactives depuis ≥ <input type="text" value="30"/> minutes
/examples	None specified	Servlet and JSP Examples	true	0	Démarrer <input type="button" value="Arrêter"/> <input type="button" value="Recharger"/> <input type="button" value="Retirer"/> <input type="button" value="Expirer les sessions"/> inactives depuis ≥ <input type="text" value="30"/> minutes
/host-manager	None specified	Tomcat Host Manager Application	true	0	Démarrer <input type="button" value="Arrêter"/> <input type="button" value="Recharger"/> <input type="button" value="Retirer"/> <input type="button" value="Expirer les sessions"/> inactives depuis ≥ <input type="text" value="30"/> minutes
/jot	None specified	IPT	true	0	Démarrer <input type="button" value="Arrêter"/> <input type="button" value="Recharger"/> <input type="button" value="Retirer"/> <input type="button" value="Expirer les sessions"/> inactives depuis ≥ <input type="text" value="30"/> minutes
/manager	None specified	Tomcat Manager Application	true	1	Démarrer <input type="button" value="Arrêter"/> <input type="button" value="Recharger"/> <input type="button" value="Retirer"/> <input type="button" value="Expirer les sessions"/> inactives depuis ≥ <input type="text" value="30"/> minutes

IPT setup

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.

 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. Registrations will go into a test registry and resources will never be indexed.

Production mode is for publishing resources formally. Resources are registered into the GBIF Registry and will be indexed.

IPT mode: Test Production

Base URL

Base URL for this IPT

Proxy URL

Save



IPT setup finished

Congratulations! You have successfully installed your IPT. Please press continue to start using it.

Continue

[IPT Version 2.0.5-r4398-security-update-1](#)

[About the IPT project](#)

[User manual](#)

[Report a bug](#)

[Request new feature](#)

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TEST MODE

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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



New User Account

Email addresses identify users and cannot be changed later on. Please select them carefully when creating a new account. If an email address needs to be changed you will have to create a new account and delete the old one.

Users having a manager role are entitled to create new resources, but cannot manage resources created by other users unless they have been invited to do so in the configuration for that resource. You can create any number of users having the Admin role, but at least one must remain in the system.

Email

First Name

Last Name

Role

Pa

- User
- Manager without registration rights
- Manager with registration rights
- Admin**

Verify Password

Save

Cancel



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The user account was successfully created.

Users accounts

As an administrator you can create, modify, or delete user accounts.

Name	Email	Role	Last Login
Marie-Elise Lecoq	melecoq@gbif.fr	Admin	1/9/14 8:58 PM
sophie pamerlon	pamerlon@gbif.fr	Admin	never

Create

Cancel





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Hosted resources available through this IPT

Filter:

Logo	Name	Organisation	Type	Subtype	Records	Last modified	Last publication	Next publication
--	Atlas des plantes vasculaires de Lorraine	Not registered	Occurrence	--	185,423	2012-01-31	2012-01-31	--
--	Aves MZS	Musée Zoologique de la Ville de Strasbourg	Occurrence	--	17,529	2012-01-16	2013-08-14	--
--	Baillon Collection	Museum George Sand et de la Vallée Noire	Occurrence	--	2,522	2012-06-22	2012-09-05	--
--	Caire-Chabrand Collection	Musée de la Vallée	Occurrence	Specimen	873	2012-12-17	2012-12-19	--
--	Centre de Ressources Biologiques de l'Institut Pasteur	Not registered	Occurrence	--	9,329	2012-01-24	2012-01-24	--
--	CIRM-Levures	Not registered	Occurrence	--	854	2012-01-27	2012-01-27	--
--	Cnidaria MZS	Musée Zoologique de la Ville de Strasbourg	Occurrence	--	2,443	2011-03-23	2012-04-24	--
--	Collection d'animaux marins et plantes du Muséum d'Histoire Naturelle de Nice	Muséum d'Histoire Naturelle de Nice	Occurrence	--	2,731	2011-12-06	2011-12-06	--
--	Collection entomologique Barthélémy	Museum Henri-Lecoq de Clermont-Ferrand	Occurrence	--	10,266	2012-01-13	2012-10-18	--



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Resources you have rights to manage

Filter:

Name	Organisation	Type	Subtype	Records	Last modified	Last publication	Next publication	Visibility	Author
Guyane française caféier	INRA Antilles-Guyane	Occurrence	--	85	2014-01-09	2014-01-09	--	Public	Sophie Pamerlon
Guadeloupe manguier	INRA Antilles-Guyane	Occurrence	--	982	2014-01-09	2014-01-09	--	Public	Sophie Pamerlon
Guyane Cacaoyer	INRA Antilles-Guyane	Occurrence	--	551	2014-01-09	2014-01-09	--	Public	Sophie Pamerlon
Guadeloupe Taro	INRA Antilles-Guyane	Occurrence	--	982	2014-01-09	2014-01-09	--	Public	Franciane Nuissier
Guadeloupe Ananas	INRA Antilles-Guyane	Occurrence	--	982	2014-01-09	2014-01-09	--	Public	Sophie Pamerlon
Reunion Coffea	Not registered	Occurrence	--	808	2014-01-09	2014-01-09	--	Private	Sophie Pamerlon
Guadeloupe Bananier	INRA Antilles-Guyane	Occurrence	--	982	2014-01-09	2014-01-09	--	Public	Sophie Pamerlon
TAXREF v7	BRC Forage and turf, INRA Lusignan	Occurrence	--	407,137	2013-12-10	2013-11-28	--	Public	Sophie Pamerlon
Macrophytes CLF	Not registered	Occurrence	Specimen	3,828	2013-11-05	2013-11-05	--	Public	Sophie Pamerlon
French national collection of Solanum tuberosum	Not registered	Occurrence	--	99	2013-09-13	2013-09-13	--	Private	Sophie Pamerlon

Showing 1 to 10 of 41 resources

◀ previous next ▶



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**
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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

Aucun fichier choisi

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



Darwin Core Mappings

Your mapping between the source data and Darwin Core terms.

Darwin Core Occurrence 43 terms mapped to occurrence_gbif_potato_20130513copie

Metadata

description
Keywords Occurrence

Published Release

Auto-publishing

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.

Visibility *Private*

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

Resource Managers

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

Creator Sophie Pamerlon, pamerlon@gbif.fr





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Resource Title [test_sp](#)

Source Data

Edit your source data format

Source Name

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

Field Delimiter

Field Quotes

Character Encoding

Date Format

Save

Cancel

Delete source file



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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_20130513cople 39 KB, 99 rows, 45 columns. 09/01/14 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_20130513cople Edit

Metadata

Edit

description

Keywords Occurrence

Published Release

Publish

Auto-publishing Select interval ⓘ

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.

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



Métadonnées obligatoires

Resource Title test_sp

Basic Metadata

The resource title and description are required. The resource's three main contact's must also be described here: Resource contact, resource creator and metadata provider. For each contact you must supply at least a last name, a position or an organisation before you can make the resource public. The person(s) or organisation(s) responsible for the creation of the resource as it appears in the IPT and for effectively publishing the resource should add themselves as an associated party with role 'publisher'.

Title*

Description*

Metadata Language

i English ▾

Resource Language

i English ▾

Type

i Occurrence ▾

Subtype

i Select a subtype ▾

i Resource Contact

First Name

Last Name*

Position*

Organisation*

Address

City

Section

Basic Metadata

[Geographic Coverage](#)

[Taxonomic Coverage](#)

[Temporal Coverage](#)

[Keywords](#)

[Associated Parties](#)

[Project Data](#)

[Sampling Methods](#)

[Citations](#)

[Collection Data](#)

[External links](#)

[Additional Metadata](#)

Métadonnées géographiques



Resource Title **test_sp**

Geographic Coverage

Drag the markers or fill in the fields to set the geographic bounding box of the area covered by the resource.



Set global coverage 

West*

East*

South*

North*

Description*

Save

Cancel

Section

[Basic Metadata](#)

[Geographic Coverage](#)

[Taxonomic Coverage](#)

[Temporal Coverage](#)

[Keywords](#)

[Associated Parties](#)

[Project Data](#)

[Sampling Methods](#)

[Citations](#)

[Collection Data](#)

[External links](#)

[Additional Metadata](#)



- 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_20130513cople 39 KB, 99 rows, 45 columns. 09/01/14 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_20130513cople Edit



Metadata

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description
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Resource Managers

▾ Add

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Creator Sophie Pamerlon, pamerlon@gbif.fr

Delete



Mapping : correspondance des champs

Home

Manage Resources

Administration

About

Resource Title [test_sp](#)

Mapping Source Data: [occurrence_gbif_potato_20130513copie](#)

For each property you can assign a dynamic value taken from the specified column of your source data file *occurrence_gbif_potato_20130513copie* or provide a fixed, static value that is used for all records.

[Hide Unmapped Fields](#)

Darwin Core Occurrence

The category of information pertaining to evidence of an occurrence in nature, in a collection, or in a dataset (specimen, observation, etc.).

Link: <http://rs.tdwg.org/dwc/terms/index.htm#Occurrence>

occurrenceID

The column in your source that holds a unique key for every record/row, also known as the "core id". If you want to map other sources, this identifier is required and will be used to link your source rows together.

Source Sample: SOL000387 | SOL000091 | SOL000482 | SOL000562 | SOL000586

Filter

The filter allows you to include only records that match a criterion set for one of the source data fields.

Save

Delete

Back

[Record Level](#) [Occurrence](#) [Event](#) [Location](#) [GeologicalContext](#) [Identification](#) [Taxon](#)

Record Level

type

modified



Mapping : suite



collectionID

Source Sample:
Translation:

datasetID

institutionCode

Source Sample: BRC Potato, INRA IGEPP Ploudaniel | BRC Potato, INRA IGEPP Ploudaniel

Translation:

collectionCode

Source Sample: The French Collection of Potato | The French Collection of Potato

Translation:

datasetName

ownerInstitutionCode

basisOfRecord

Source Sample: Germplasm | Germplasm | Germplasm | Germplasm | Germplasm

Translation:

informationWithheld

dataGeneralizations

dynamicProperties

source

Gestion de la ressource

Source Data

Choisissez un fichier Aucun fichier choisi

Connect to database Clear

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

Darwin Core Mappings

Darwin Core Occurrence

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Auto-publishing Select interval i

Visibility **Private**

Public

Rendre visible à tous

Resource Managers

↓ Add

Resources to modify test_sp.

Creator

Ajouter un gestionnaire

Delete

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

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Darwin Core Occurrence

43 terms mapped to
occurrence_gbif_potato_20130513copie

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Metadata

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description

Keywords

Occurrence

Published Release

Publish

Publier le jeu de données

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

Auto-publishing

Select interval



Visibility *Private*

Public

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Resource Managers

Add

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Creator

Sophie Pamerlon, pamerlon@gbif.fr

Delete

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

Publication de la ressource

Published Release

Publish

Auto-publishing ⓘ

Visibility *Public*

BRC Forage and turf, II ⓘ

Register

Private

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.

Last Publication	Version 2 from Jan 9, 2014 See report Publication Log
Darwin Core Archive	download (3 KB) 99 records
EML	download view (3 KB)
RTF	download (3 KB)

This resource is public and available to everyone. To make it discoverable, please select the organisation to which the resource is associated and register it with GBIF. To make it accessible only to managers, make it private.

ⓘ *If you want this resource to update an existing registered DiGIR, BioCASE, or TAPIR resource, please ensure the resource is registered against the same owning organization, and that the existing registered resource UUID has been added to the resource's list of alternative identifiers on the [Additional Metadata](#) page.*

Enregistrement de la ressource (moissonnage par GBIF international)

Visibility **Public**

BRC Forage and turf, II

Register

Private

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Visibility **Public**

✓ BRC Forage and turf, INRA Lusignan

- Agoralogie
- Muséum d'Histoire Naturelle de Bourges
- Musee Vert, Museum d'Histoire Naturelle du Mans
- Muséum d'Histoire Naturelle de Nice
- INRA Antilles-Guyane
- Musée Zoologique de la Ville de Strasbourg
- IFREMER – French Research Institute for Exploitation of the Sea
- Museum George Sand et de la Vallee Noire
- Musee de la Valle
- Université de Strasbourg
- Museum Henri-Lecoq de Clermont-Ferrand

↓

Add

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Creator

Sophie Pamerlon, pamerlon@gbif.fr



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 foundations of its activities. *Fundamental and applied research *Education and pedagogy *Dissemination of knowledge

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



Coleoptera specimens of the Muséum n...

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

3 682

Occurrences

[View occurrences](#)

Information

Stats

Activity

Summary

FULL TITLE

Coleoptera specimens of the Muséum national d'Histoire naturelle

TECHNICAL CONTACT

PUBLISHED BY

[MNHN - Muséum national d'Histoire naturelle](#)

REGISTRATION DATE

25 avr. 2012

SERVED BY

[HTTP Installation](#)

ALTERNATIVE IDENTIFIERS

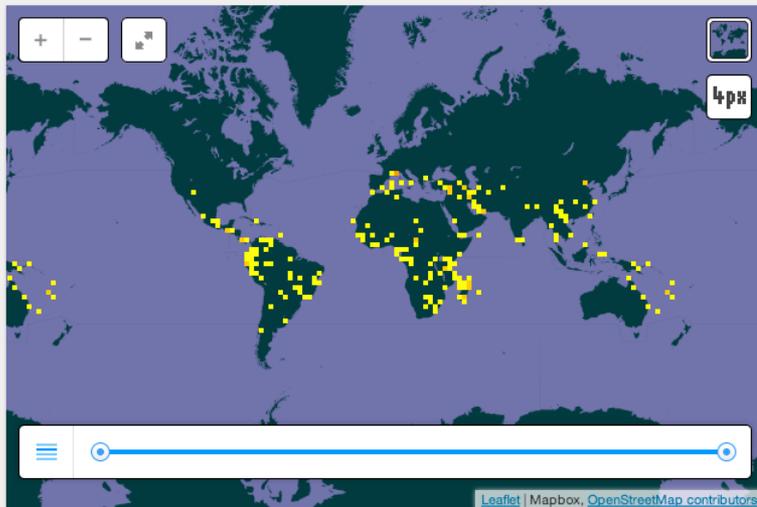
[GBIF Portal ID](#)
14131

EXTERNAL DATA

[Darwin Core Archive](#)

METADATA DOCUMENTS

[GBIF annotated version \(EML\)](#)



1 288 Georeferenced data

VIEW RECORDS

[All records](#) | [In viewable area](#)

ABOUT

[What does this map show?](#)

[Leaflet](#) | [Mapbox](#), [OpenStreetMap contributors](#)

Citation and licensing

DEFAULT CITATION

MNHN - Muséum national d'Histoire naturelle: Coleoptera specimens of the Muséum national d'Histoire naturelle.
Accessed via <http://www.gbif.org/dataset/eff7d030-3013-43da-b686-6bafdd228131> on 2014-01-09



GBIF

free and open access to biodiversity data

GBIF INTEGRATED PUBLISHING TOOLKIT (IPT)

Références

IPT v2 User Manual

<http://code.google.com/p/gbif-provider toolkit/wiki/IPT2ManualNotes>

Occurrence Data Publishing Tutorial

<http://code.google.com/p/gbif-provider toolkit/wiki/TutorialOccurrenceResource>



Contacts

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gbif@gbif.fr

Site web: <http://www.gbif.fr>

[@gbiffrance](https://twitter.com/gbiffrance)

