



Formation qualité, utilisation et publication des données - Paris,  
24-25 mars 2014

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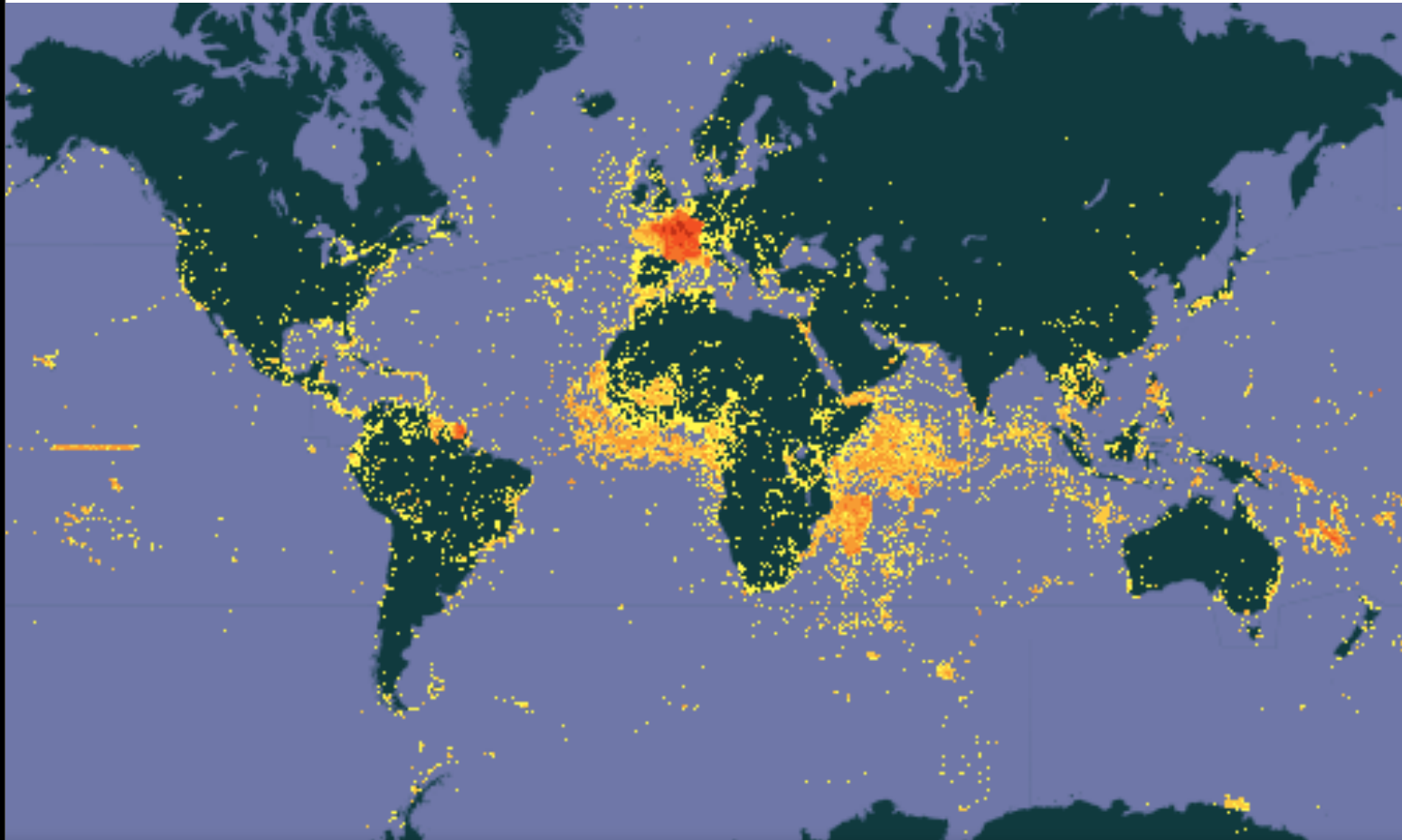
## **Comment publier des données d'occurrence et enregistrer des jeux de données au GBIF**

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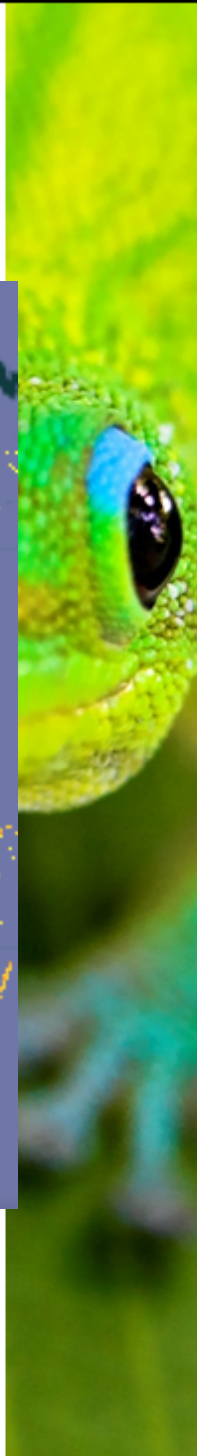
[gbif@gbif.fr](mailto:gbif@gbif.fr)

Twitter : @gbiffrance

# Ensemble des données connectées via le GBIF France (au mois de mars 2014)



Cette page ne montre que les données géo-référencées (plus de **8 569 222** enregistrements sur un total de **16 495 001** enregistrements).



# Terminologie

- Fournisseur de données  
(*Data Publisher, Provider*)
- Jeu de données, Ressource  
(*Data Resource, data set*)
- Type de ressource  
(*Metadonnées, 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.





# Qui sont les fournisseurs de données français ?

## Associations et conservatoires



## Universités



## Muséums



## Instituts de recherche



## Agrégateurs



Et bientôt  
plus encore...

# 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.

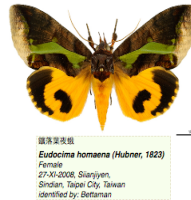
- La donnée source est le *Taxon*



# Standards d'échange



Métadonnées



Données primaires

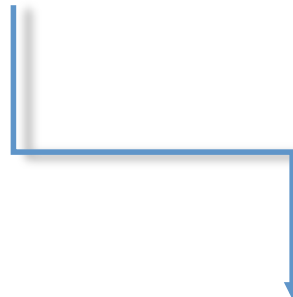


Données taxonomiques



Ecological Metadata  
Language (**EML**)

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

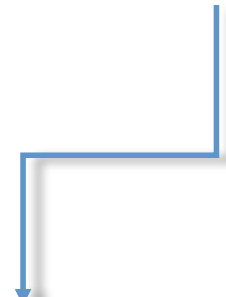


**Darwin Core**

- *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>conspicuous</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>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





# 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>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



# Valeurs

## Taxon resource type

TaxonID	Kingdom	Phylum	Class	Order	Family	Genus	Species
1	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	Chlorolestes	apricans
2	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	Chlorolestes	conspicuous
3	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	Chlorolestes	draconicus
4	Animalia	Arthropoda	Insecta	Odonata	Synlestidae	Chlorolestes	elegans

## Occurrence resource type

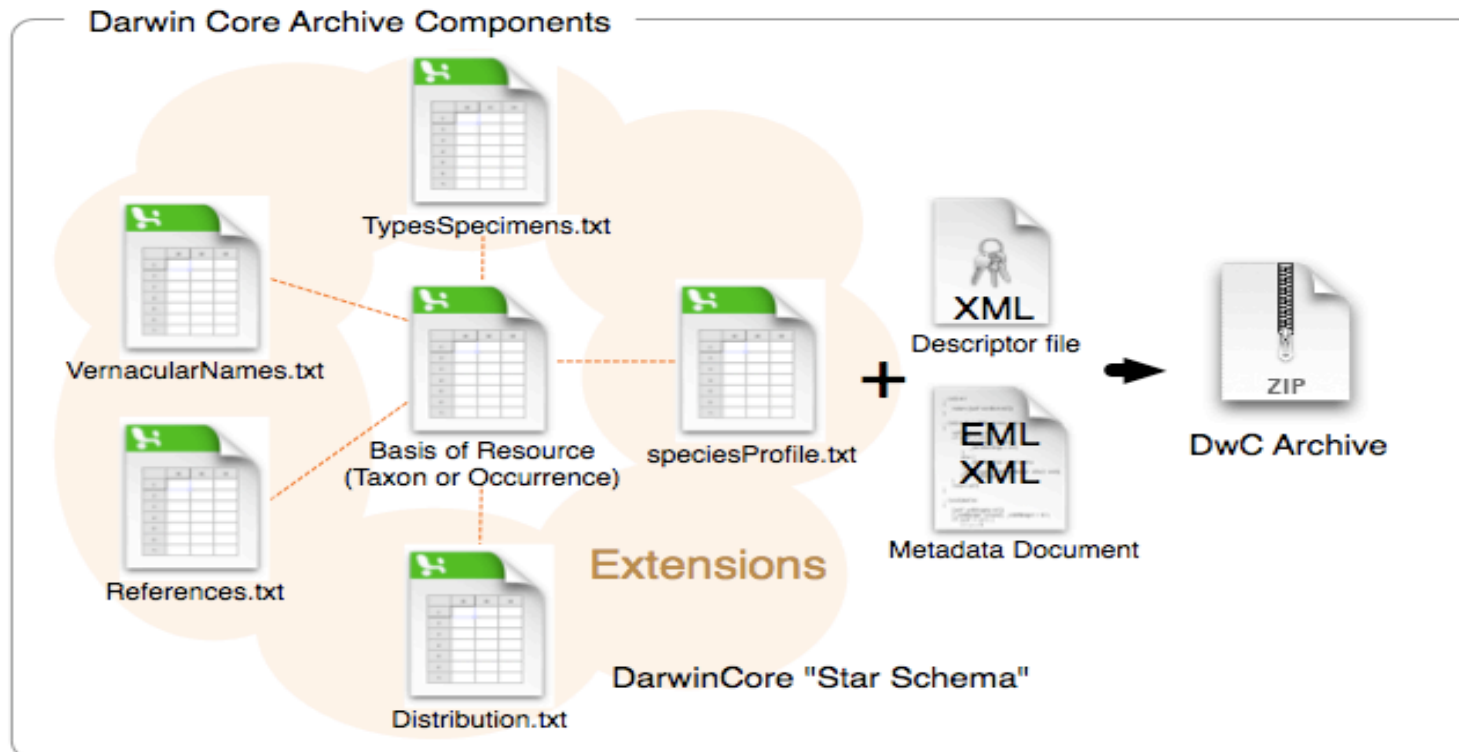
OccurrenceID	institutionCode	collectionCode	catalogNumber	scientificName	locality
1	MCZ	HERPAMPH	A-16806	Afrixalus fornasinii fornasinii	Morogoro: Ukani: Tanganyika Territory
2	MCZ	HERPAMPH	A-16807	Afrixalus fornasinii fornasinii	Morogoro: Ukani: Tanganyika Territory
3	MCZ	HERPAMPH	A-16808	Afrixalus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



# Darwin Core Archive

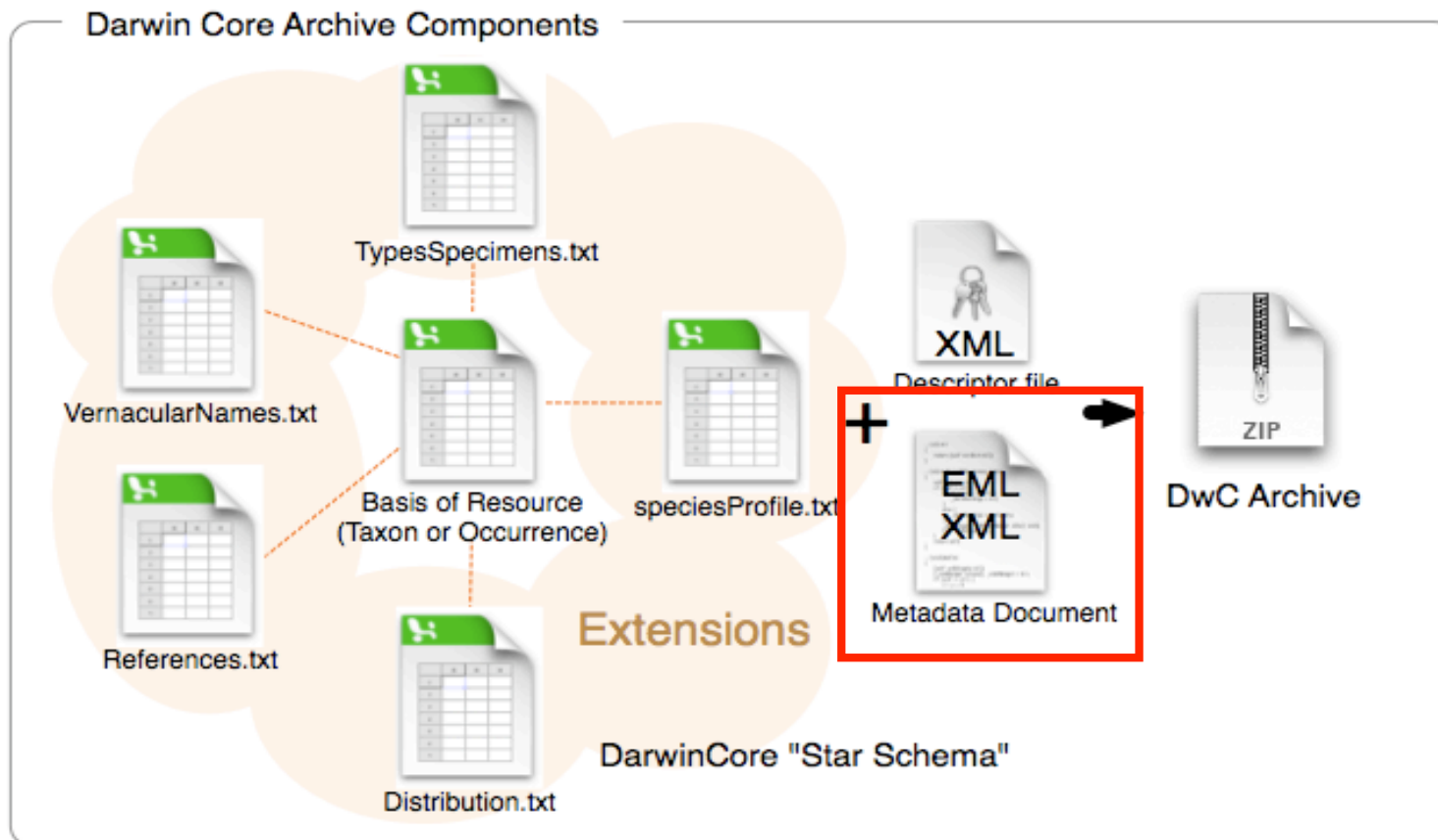
## Contenu de l'archive

- 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

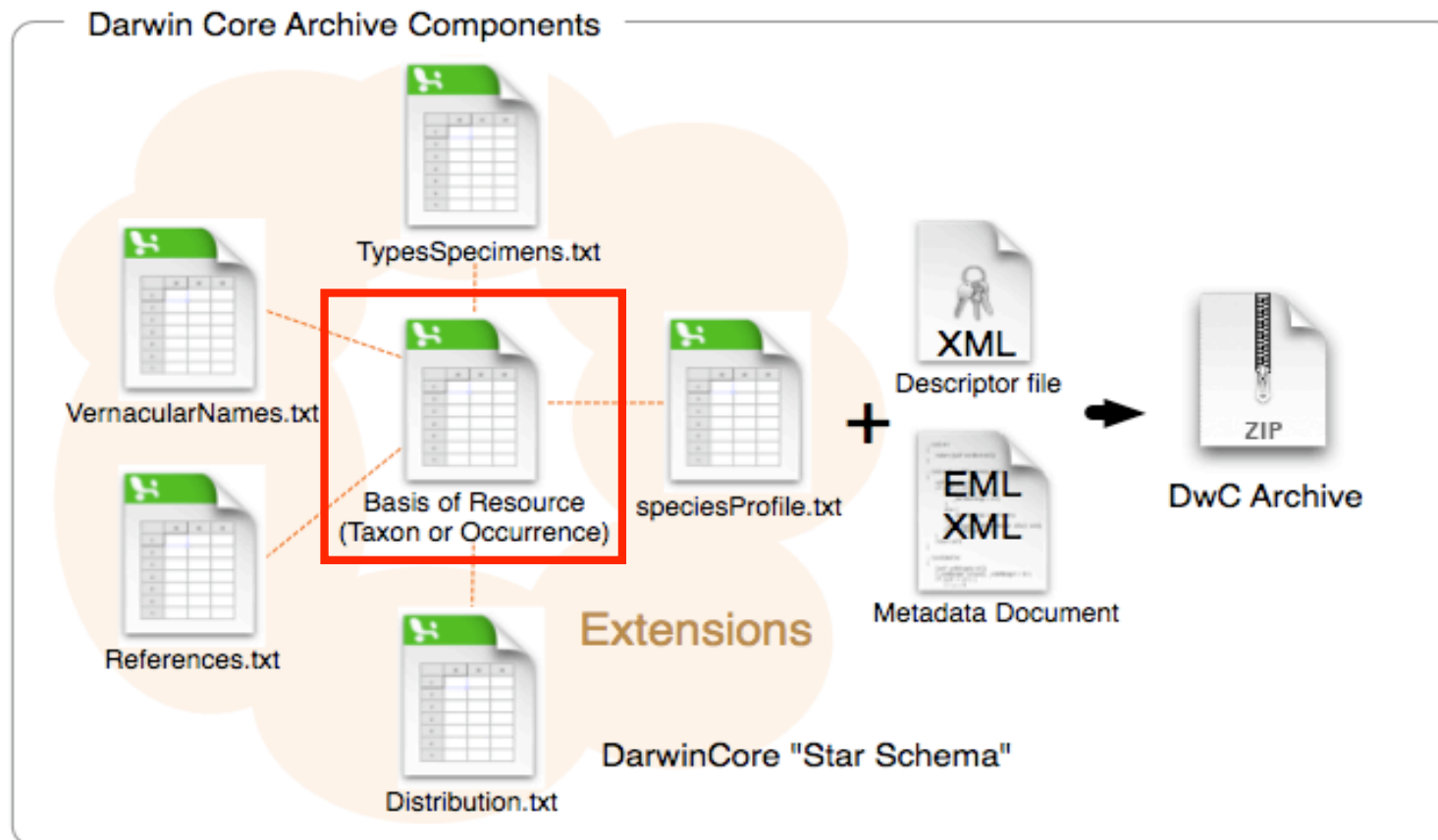
- Titre et Description
- Citation and Attribution
- Contacts et Auteurs
- Couverture Géographique
- Méthode d'échantillonnage
- Bibliographie
- Et plus...





# Darwin Core Archive: Anatomie

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



## Fichier excel modèle : page occurrences

Fourni aux gestionnaires de données par le GBIF France

Champs = termes DwC (mapping automatique par la suite)

[illegible]

# Fichier excel modèle : page métadonnées

Facilite le remplissage des métadonnées sur l'IPT



	A	B	C	D	E	F	G	H	I	J	K	L	M		
1	<b>Basic Metadata</b>							<b>Research Project</b>							
2	Les champs obligatoires sont marqués d'une astérisque (*)														
3	Universally Unique Identifier (UUID)								Title						
4	* Title								Lead Organisation						
5	* Publication Date (MM/DD/YYYY)								Country						
6	* Expected Citation								Description						
7	* Abstract or concise description of the dataset														
8	Additional information														
9	Resource Language	Metadata Language													
10	Resource URL	Resource Logo URL													
11	Creative Commons Licensing	cc0													
12															
13															
14	<b>People and Organizations</b>														
15	Note: sélectionner le rôle de l'agent dans la liste déroulante (dans les lignes 19-30)														
16		First Name	Last Name	Organization	Phone	Email	Homepage	Address	City	State/Province	Country	Zip/Postal Code	* Primary Contact		
17	* Resource Creator												Yes		
18	* Metadata Author														
19	Author														
20	User														
21	Author														
22	Author														
23	Author														
24	Author														
25	Author														
26	Author														
27	Author														
28	Author														
29	Author														
30	Author														
31															
32															
33															
34	<b>Keywords and Coverage</b>							latitude et de longitude							
35															
36	Regional Scope								Bounding Box						
37	General Keywords								Supérieur Gauche						
38	Keyword Thesaurus								Lat. Décimale						
39	Begin Date or Single Date								Long. décimale						
40	End Date														
41	Taxonomic Keywords														
42															
43															
44	<b>References</b>														
45	Utilisez les champs ci-dessous pour enregistrer les citations bibliographiques. Copiez et collez des rangées supplémentaires pour ajouter plus de citations.														
46	Reference														
47	Reference														
48	Reference														

# 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) :

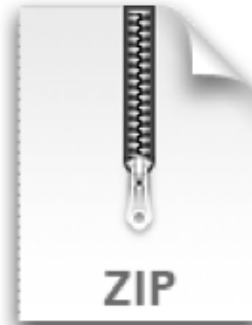
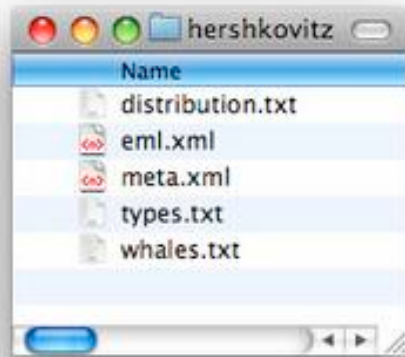
[http://terms.tdwg.org/wiki/Darwin\\_Core](http://terms.tdwg.org/wiki/Darwin_Core)





# 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

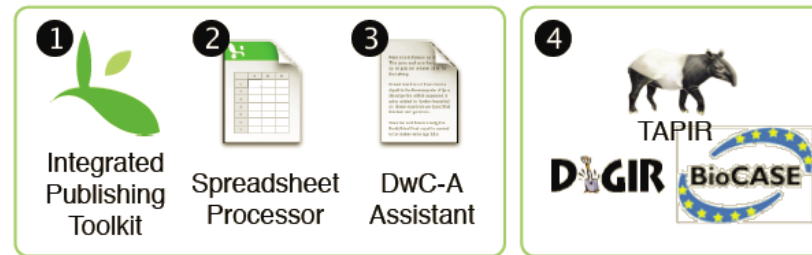
Which type of data?



Select a tool

GBIFS developed tools

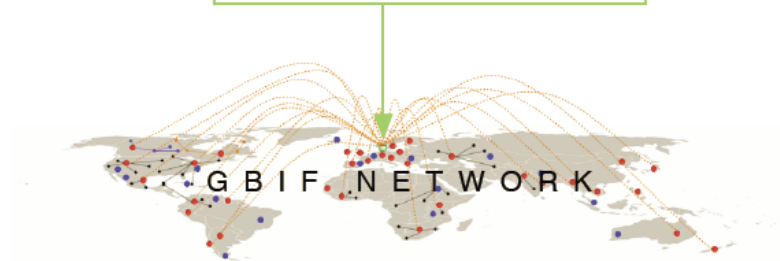
Community tools



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

<a href="#">Lister les applications</a>	<a href="#">Aide HTML Gestionnaire</a>	<a href="#">Aide Gestionnaire</a>	<a href="#">Etat du serveur</a>
---	--	-----------------------------------	---------------------------------

## 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 ≥ 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 ≥ 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 ≥ 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 ≥ 30 minutes
/ipt	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 ≥ 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 ≥ 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.

IPT Version 2.0.5-r4398-security-update-1

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[User manual](#)

[Report a bug](#)

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# 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

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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

User  
Manager without registration rights  
Manager with registration rights  
Admin

Pa

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
<a href="#">Marie-Elise Lecoq</a>	melecoq@gbif.fr	Admin	1/9/14 8:58 PM
<a href="#">sophie pamerlon</a>	pamerlon@gbif.fr	Admin	never

Create

Cancel

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# GBIF INTEGRATED PUBLISHING TOOLKIT<sup>(IPT)</sup>

free and open access to biodiversity data

Logged in as pamerlon@gbif.fr [Account](#) [Logout](#) [ENGLISH](#)

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## Hosted resources available through this IPT

Filter:

Logo	Name	Organisation	Type	Subtype	Records	Last modified	Last publication	Next publication
--	<a href="#">Atlas des plantes vasculaires de Lorraine</a>	Not registered	Occurrence	--	185,423	2012-01-31	2012-01-31	--
--	<a href="#">Aves MZS</a>	Musée Zoologique de la Ville de Strasbourg	Occurrence	--	17,529	2012-01-16	2013-08-14	--
--	<a href="#">Baillon Collection</a>	Museum George Sand et de la Vallée Noire	Occurrence	--	2,522	2012-06-22	2012-09-05	--
--	<a href="#">Caire-Chabrand Collection</a>	Musée de la Vallée	Occurrence	Specimen	873	2012-12-17	2012-12-19	--
--	<a href="#">Centre de Ressources Biologiques de l'Institut Pasteur</a>	Not registered	Occurrence	--	9,329	2012-01-24	2012-01-24	--
--	<a href="#">CIRM-Levures</a>	Not registered	Occurrence	--	854	2012-01-27	2012-01-27	--
--	<a href="#">Cnidaria MZS</a>	Musée Zoologique de la Ville de Strasbourg	Occurrence	--	2,443	2011-03-23	2012-04-24	--
--	<a href="#">Collection d'animaux marins et plantes du Museum d'Histoire Naturelle de Nice</a>	Muséum d'Histoire Naturelle de Nice	Occurrence	--	2,731	2011-12-06	2011-12-06	--
--	<a href="#">Collection entomologique Barthélémy</a>	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
<a href="#">Guyane française caféier</a>	INRA Antilles-Guyane	Occurrence	--	85	2014-01-09	2014-01-09	--	Public	Sophie Pamerlon
<a href="#">Guadeloupe manguier</a>	INRA Antilles-Guyane	Occurrence	--	982	2014-01-09	2014-01-09	--	Public	Sophie Pamerlon
<a href="#">Guyane Cacaoyer</a>	INRA Antilles-Guyane	Occurrence	--	551	2014-01-09	2014-01-09	--	Public	Sophie Pamerlon
<a href="#">Guadeloupe Taro</a>	INRA Antilles-Guyane	Occurrence	--	982	2014-01-09	2014-01-09	--	Public	Franciane Nuissier
<a href="#">Guadeloupe Ananas</a>	INRA Antilles-Guyane	Occurrence	--	982	2014-01-09	2014-01-09	--	Public	Sophie Pamerlon
<a href="#">Reunion Coffea</a>	Not registered	Occurrence	--	808	2014-01-09	2014-01-09	--	Private	Sophie Pamerlon
<a href="#">Guadeloupe Bananier</a>	INRA Antilles-Guyane	Occurrence	--	982	2014-01-09	2014-01-09	--	Public	Sophie Pamerlon
<a href="#">TAXREF v7</a>	BRC Forage and turf, INRA Lusignan	Occurrence	--	407,137	2013-12-10	2013-11-28	--	Public	Sophie Pamerlon
<a href="#">Macrophytes CLF</a>	Not registered	Occurrence	Specimen	3,828	2013-11-05	2013-11-05	--	Public	Sophie Pamerlon
<a href="#">French national collection of Solanum tuberosum</a>	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

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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\_20130513cople39 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\_20130513cople

[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](#) [i](#)

### 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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Resource Title [test\\_sp](#)

## Source Data

Edit your source data format

### Source Name

[i](#) 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

[i](#) 1

### Field Quotes

[i](#)

### Date Format

[i](#) YYYY-MM-DD

[Save](#)

[Cancel](#)

[Delete source file](#)

### Field Delimiter

[i](#) ;

### Character Encoding

[i](#) windows-1252

[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. Don't 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\_20130513cople39 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\_20130513cople

[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](#) [i](#)

### 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\*

test\_sp

Description\*

description

Metadata Language

English

Resource Language

English

Type

Occurrence

Subtype

Select a subtype

## Resource Contact

First Name

Sophie

Last Name\*

Pamerlon

Position\*

Biodiversity Data Ingeneer

Organisation\*

GBIF France

Address

43 rue Buffon

City

Paris

## Section

### Basic Metadata

[Geographic Coverage](#)

[Taxonomic Coverage](#)

[Temporal Coverage](#)

[Keywords](#)

[Associated Parties](#)

[Project Data](#)

[Sampling Methods](#)

[Citations](#)

[Collection Data](#)

[External links](#)

[Additional Metadata](#)

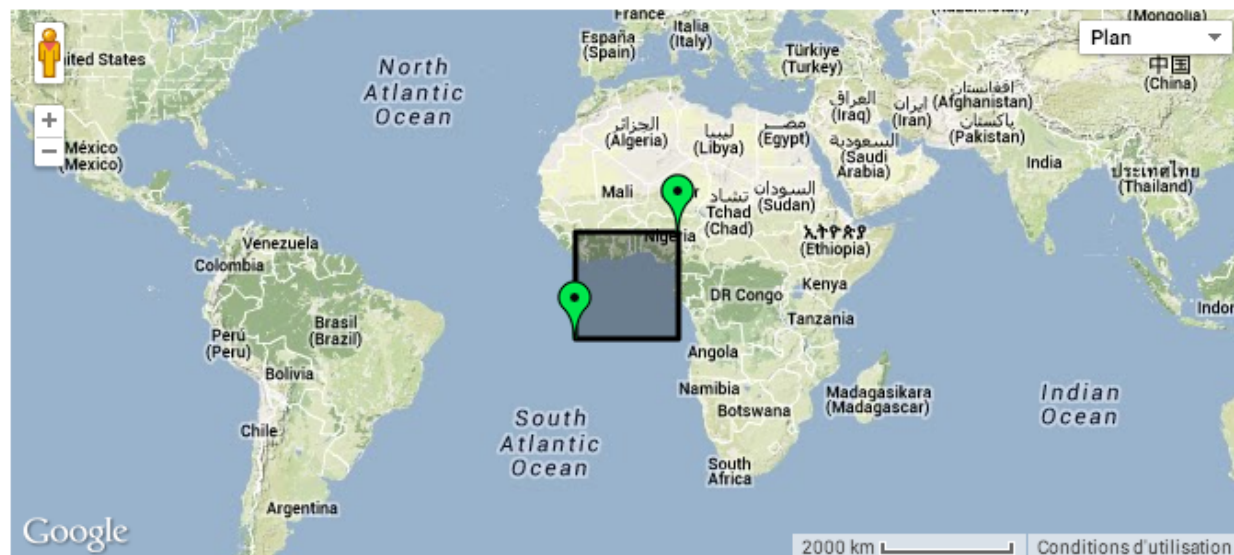



# Métadonnées géographiques

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](#)

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[Additional Metadata](#)

[Home](#)[Manage Resources](#)[Administration](#)[About](#)

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occurrence\_gbif\_potato\_20130513cople39 KB, 99 rows, 45 columns. 09/01/14  
[file]

[Edit](#)

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[Edit](#)

description

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Auto-publishing [Select interval](#) [i](#)

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[Public](#)

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### 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](#)

# 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

 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

After Translation



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

 modified

# Mapping : suite

collectionID

Source Sample:

Translation:

datasetID

institutionCode

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

Translation:

collectionCode

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

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



# Gestion de la ressource

## 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

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Darwin Core Occurrence 43 terms mapped to  
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Edit

## Metadata

Edit

description

Keywords Occurrence

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Publish

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Auto-publishing Select interval ⓘ

Visibility **Private**

Public

Rendre visible à tous

source available to everyone, please make it public.

## 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]

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Edit

## Metadata

Edit

description

**Keywords** Occurrence

## Published Release

Publish

Publier le jeu de données

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

Auto-publishing Select interval

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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

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.

### 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)

## Visibility **Public**

BRC Forage and turf, II

Register

Private

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 Vallée Noire

Musee de la Valle

Université de Strasbourg

Museum Henri-Lecoq de Clermont-Ferrand

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Creator

Sophie Pamerlon, pamerlon@gbif.fr



GBIF.ORG

Free and open access to biodiversity data

Hello Sophie or Logout

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 founding activities. \*Fundamental and applied research \*Education and pedagogy \*Dissemination

### 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 - Museum 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 - Museum national d'Histoire naturelle](#)

### REGISTRATION DATE

25 avr. 2012

### SERVED BY

[HTTP Installation](#)

### ALTERNATIVE IDENTIFIERS

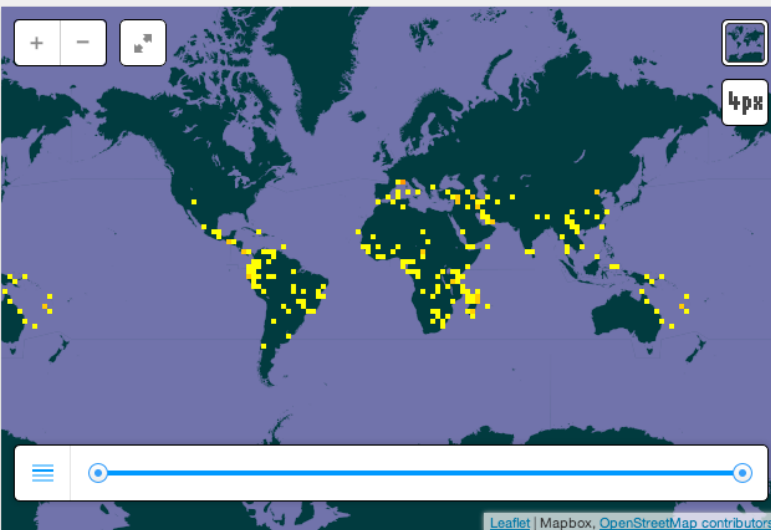
• [GBIF Portal ID](#)  
14131

### 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?](#)

## Citation and licensing

### DEFAULT CITATION

MNHN - Museum 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  
[www.gbif.org](http://www.gbif.org)

  
gbif  
France





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

## Références

IPT v2 User Manual

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

Occurrence Data Publishing Tutorial

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





# Contacts

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Questions sur les outils GBIF :

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[pamerlon@gbif.fr](mailto:pamerlon@gbif.fr)

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

Twitter : @gbiffrance

