



Mentoring Project 2014 France-Portugal-Spain

GBIF France



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SUMMARY

GBIF France:

- ✓ Institutional framework and Structure
- ✓ Data mobilisation
- ✓ Infrastructure
- ✓ Cooperation
- ✓ Mentoring
- ✓ Training
- ✓ Communication
- ✓ Futur Challenges



FRAMEWORK and STRUCTURE

- France participated in the **Forum MegaScience** and then **signed the three successive MoU**: 2001, 2006 and 2011.
- Depending on the **Ministry of Education and Research (MESR)** since 2001:
 - General management of Research and Innovation (DGRI)
 - Environment sector
- **The French node was created in 2006.**

GBIF node was hosted by the National Natural History Museum (MNHN) since the beginning then officially integrated in the Direction of Collections of the MNHN in 2011.

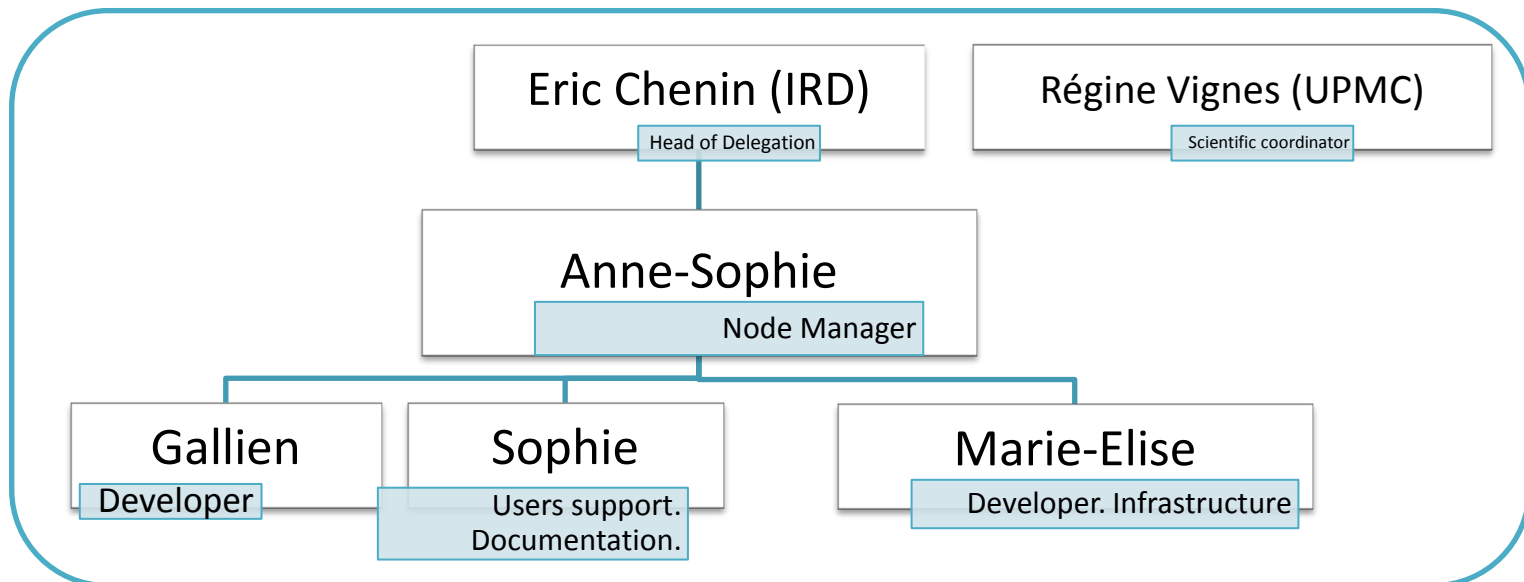


**Muséum
National
d'Histoire
Naturelle**



FRAMEWORK and STRUCTURE

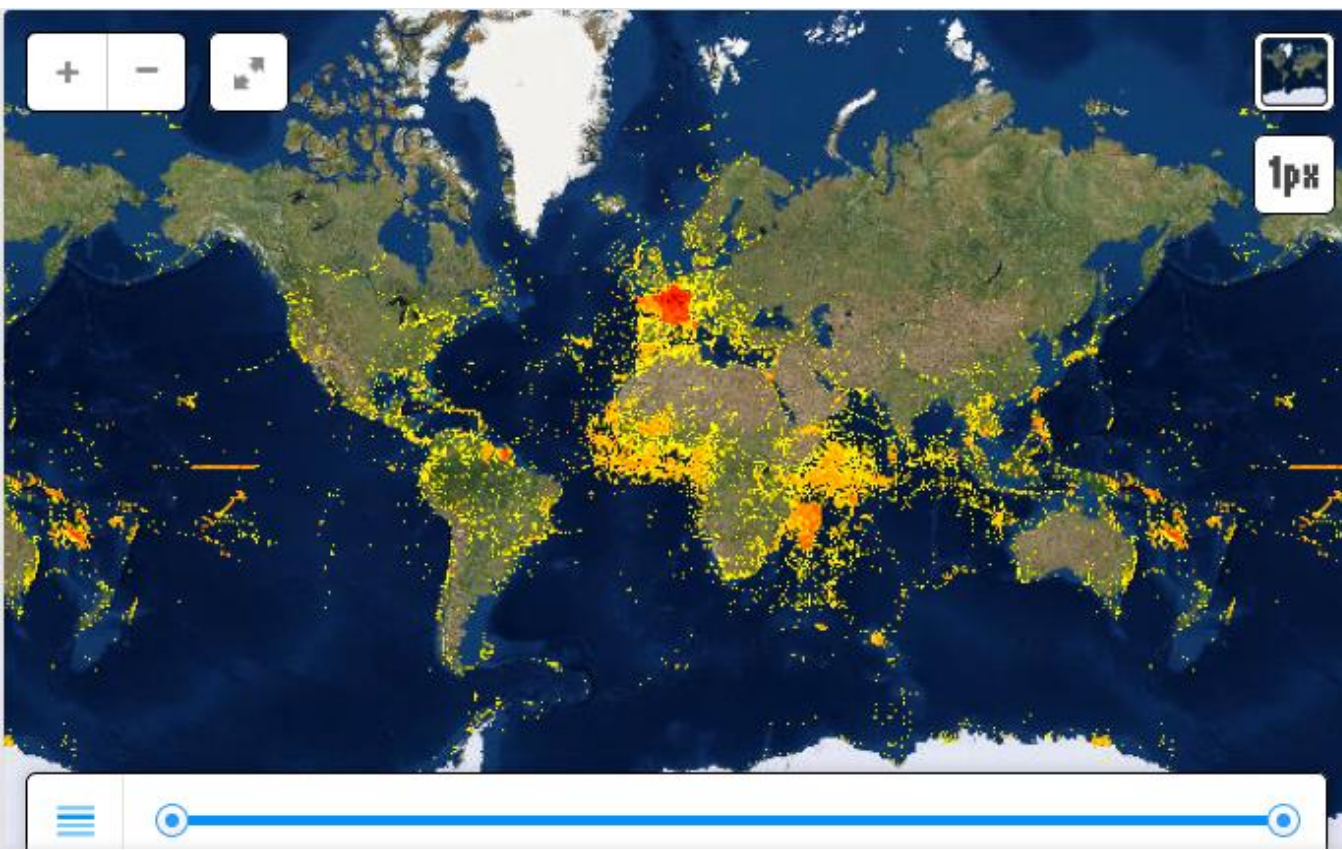
Since 2013, the French node is funded via an **ANR project** (National Research Agency) called **e-ReCoINat** (ANR-11-INBS-0004 e-ReCoINat).





DATA MOBILISATION

- Focus on both observational and collection data
- Metadata for 273 institutions and 1189 data sets



Data from France

- 136 occurrence datasets with 17,338,438 records.
- 1 checklist dataset with 414,261 records.
- 2 metadata-only datasets.
- France publishes data covering 248 countries, territories and islands.

<http://www.gbif.org/country/FR>



DATA MOBILISATION

Who are the 45 French data publishers ?

Associations, conservatories



Universities



Museums



Research Institutes



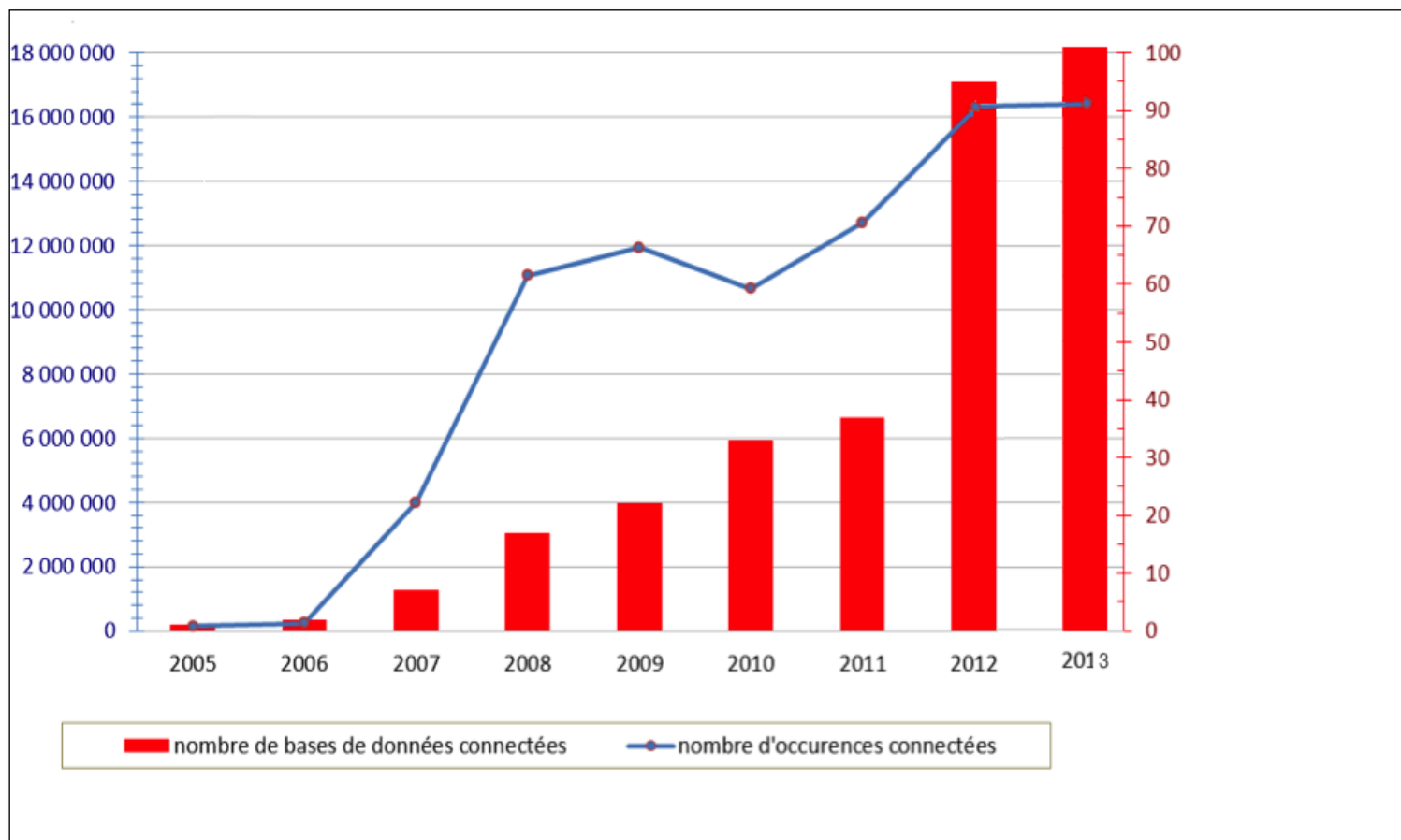
Agregators



And even more...

DATA MOBILISATION

French data provision





INFRASTRUCTURE

- **GBIF France portal** development (lots of changes over time)
- **IPT2.1 and BioCase provider - DwC**
- **Technical support** for data publisher (**IPT**) and **data hosting** for:
 - few French institutions
 - Benin (until mid 2014), Cameroon, Guinea and Togo
- **Metadata catalogue** on line in EML format (on French institutions which have collection specimens, observational metadata are collected by the ministry of Environment)
- Development of **tools**:
 - “**simple-harvest**” tool for indexation (available in GBIFLab)
 - “**SAGG**” for Statistics and Analyses of Gaps on GBIF. This tool provides statistics and new data visualization to evaluate the biases in the results of the requests.



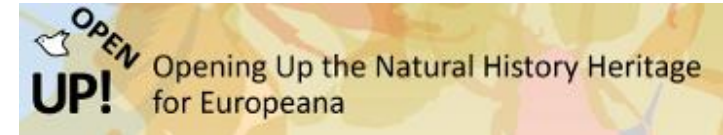
COOPERATION

At national level:

- cooperation with **INPN (National Inventory of natural Heritage) and SINP - MEDDTL** (ministry of ecology) on metadata, architecture, standards to optimize data flow at national level,
- **e-Recolnat**: national support for digitalization and management of collection (ANR project, 16 millions for 5 years),
- **FRB : Ecoscope, Biovel**: Foundation for Research on Biodiversity. Association of different research organizations, universities and museums,
- **CNRS : RBDD (network of data base) - UMS BBEES,**
- **FCBN (Federation of National Botanic Conservatories)....**
- **Creation of a GBIF user group.**
- **Digit call: 11 projects**

COOPERATION


At European level: OpenUP project (open-up.eu)



Help to integrate new multimedia objects : images, texts, sounds and videos on biodiversity in the Europeana website (www.europeana.eu).

3 years (march 2011- february 2014), 23 partners, 12 countries

Accueil Mon Europeana Choisir une langue ▼

 europeana
think culture

Rechercher ▼ DATA_PROVIDER:"Muséum national d'Histoire naturelle" Rechercher Aide

[Retour aux résultats de la recherche](#)

Gemmula sp.

Contributeur: [Bouchet, Lozouet & Warén \(collector\)](#)

Couverture géographique: (-24.76667,159.716675) ; Depth: 485 m - 500 m ; Banc Capel

Identifiant: [Preserved Specimen](#)

Nom d'utilisateur: MNHN - IM - 2007-40779


Contenu lié: http://www.biodiversitylibrary.org/name/Gemmula_sp%24;
<http://rs.tdwg.org/dwc/dwctype/PreservedSpecimen>

Source: MNHN - Collection of marine invertebrates

Fournisseur: [Muséum national d'Histoire naturelle](#)

Fournir un contenu: [OpenUp!](#)

Providing country: France

 @Regarder



View item at [Muséum national d'Histoire naturelle](#)



Titre: Gemmula sp.

Fournisseur: Muséum national d'Histoire naturelle

Fournir un contenu: [OpenUp!](#)

View item at: [Muséum national d'Histoire naturelle](#)



 Partager



2007 - 2012



2014 - 2019

Sud Expert Plantes

Consolidate,

Complete,

Valorise the achievements of SEP

Développement Durable



22 countries involved

SEP-CEPDEC project: strengthen computer skills in biodiversity informatics in 22 francophone countries in Africa and Asia.

Western Africa

- Benin
- Burkina Faso
- Ivory Coast
- Guinea
- Mali
- Mauritania
- Niger
- Senegal
- Togo

Middle Africa

- Burundi
- Cameroon
- Congo
- Gabon
- RCA
- RDC
- Rwanda
- Chad

South-East Asia

- Cambodia
- Laos
- Vietnam

List of Countries



Indian Ocean

- Comoros
- Madagascar



SEP : objectives and results

Objectives :

- Scientific capacities, biodiversity informatics
- Links between scientific, actors and stakeholders,
- Knowledge, preservation, and valorization of botanical biodiversity
- Defend the interests of countries in international events

Results:

- Awareness raised in 22 countries
- Operational node in 7 countries
- 3 new members : Mauritania, Togo & CAR
- Numerous countries membership underway
 - Senegal, Rwanda, RDC, Congo, Gabon, Comoros, ...
- Training benefit for GBIF France team
- Methodology benefit for GBIF Secretariat



SEP2D

Objectives:

the academic and research Institutions :

- Go into action on conservation issues and valorisation,
- Learn how to better exchange and work with the private sector,
- Structure themselves to valorize their knowledge,
- Secure their long-term funding

Budget: 5,3 M€ ; 2015 - 2020

Official launch of SEP2D during the UNESCO meeting, 22-25 Septembre 2014:
« Quels botanistes pour le 21ème siècle ? »



Capacity development

Broader scientific community

Central thematic : tropical botany

All pertinent activities

South-South networking, multilateral scale

international framework

Major development issues



Activities

Public-private partnership: pilot operations

Mines

Forestry / REDD+

Agrobiodiversity

Cosmetics and pharmaceuticals

Projects on correlated thematic topics

Support for collections

GBIF : Involvement & extension for abundance data portal

Workshops, conferences, CBD meetings

Trainings: academic and technic



MENTORING

- **2010-2011: GBIF Togo – GBIF France :**

To enable the Togolese node, with GBIF France as mentor node, to acquire an organization and technical know-how to start autonomously GBIF activities.

- **2011: GBIF Centrafrique – GBIF Cameroun and GBIF France:**

To enable the node of RCA , with GBIF Cameroon and GBIF France as mentor nodes, to acquire an organization and technical know-how to start autonomously GBIF activities.

- **2013-2014: GBIF France, GBIF Espagne et GBIF Portugal**

Exchange of expertise on data quality, crowdsourcing and visualisation



TRAINING

- training: **Data Quality Workshops** with Arthur Chapman. MNHN, Paris, juillet 2010
- **SEP-CEPDEC trainings** : 3 trainings on West africa, Central Africa and Madagascar and then 1 in Paris: publication and uses of biodiversity data. 2009-2010.
- **Nodes training** : publication of biodiversity data in GBIF and fitness for use. Museo das ciencias naturales, Buenos Aires, 28-30 septembre 2011. GB18
- Workshop on **persistent identifiers**. MNHN, Paris, 27 june 2012
- **Training on data quality, publication and fitness for use**. MNHN, Paris, 15-17 octobre 2012.
- **Nodes training**: Building stronger GBIF Nodes. Berlin, 4-5 octobre 2013.
- **Training GBIF/BioVeL** : Training on data quality, publication and workflows via GBIF and BioVel tools, 24-25 mars 2014, Paris, France.

COMMUNICATION

GBIF Day - 9 december 2013

- 150 participants
 - Presentation of the new GBIF portal and the activities of the French nodal point
 - Interventions of our partners
- ⇒ **Really good feedback on this day**

Creation of flyers, leaflets, translation of documents (GBIF posters, Science review), **goodies....**

GBIF participation in the organisation committes of others specific days.

Global Biodiversity Information Facility

11 972 datasets
1 426 888 espèces
417 530 266 occurrences

Lundi 9 décembre 2013 de 10h à 17h
Aquarium tropical – Palais de la Porte Dorée

Présentation du nouveau portail de données et du réseau **GBIF** Global Biodiversity Information Facility
Système Mondial d'Information sur la Biodiversité
Programme sur www.gbif.fr



ACTUALITÉS



26/09/2014

Lancement du programme Sud Expert Plantes/Développement Durable (SEP2D)



Le Ministère des affaires étrangères et du développement international, le Fonds Français pour l'Environnement Mondial et l'Agence Française de Développement, en partenariat avec l'Inst

[En savoir plus](#)

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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

BioVeL in Practice and in Future	13/11/2014
Séminaire ECOSCOPE-SINP	03/11/2014
Congrès annuel du TDWG	27/10/2014 au 31/10/2014
Mentoring France - Espagne - Portugal	14/10/2014 au 16/10/2014

[Consulter l'agenda](#)

ACCÈS DIRECT

- » [Le GBIF](#)
- » [Portail de données](#)
- » [Formations](#)
- » [Créer son datapaper](#)





FUTUR CHALLENGES

- New Data portal
- Increase data mobilisation
- Support organisation and users, provide more feedback
- Continue the data user group, expand data types to better serve their needs
- Prepare a training program on-site and online
- Increase contents and manuals in French
- Mentoring and SEP2D
- Adapting to the new reality at national and international levels (IPBES, Lifewatch, INSPIRE, others)



Global Biodiversity Information Facility
Système Mondial d'Information sur la Biodiversité



THANK YOU