

Atelier IPT - ODATIS PNDB GBIF France

25-26 juin 2025

Le GBIF et les Data Papers

Sophie Pamerlon



Data Papers : qu'est-ce que c'est?

Une **publication scientifique** dont le but principal est de **décrire un ensemble de données** ou un groupe d'ensembles de données, plutôt que de rendre compte d'une enquête de recherche.

⇒ Reconnaissance et crédit pour les éditeurs de données via une publication scientifique

⇒ DOI : indexation et citation

les Data Papers sont indexés par Web of Knowledge (ISI), PubMedCentral, Scopus, Zoological Record, Google Scholar, CAB Abstracts, Directory of Open Access Journal (DOAJ), EBSCO.

=> Une incitation à publier des données



<https://www.nature.com/articles/sdata201716#citeas>

Data Paper : avantages



DOI : indexation et citation
- indexés par Web of Knowledge (ISI), PubMedCentral, Scopus, Zoological Record, Google Scholar, CAB Abstracts, DOAJ, EBSCO.



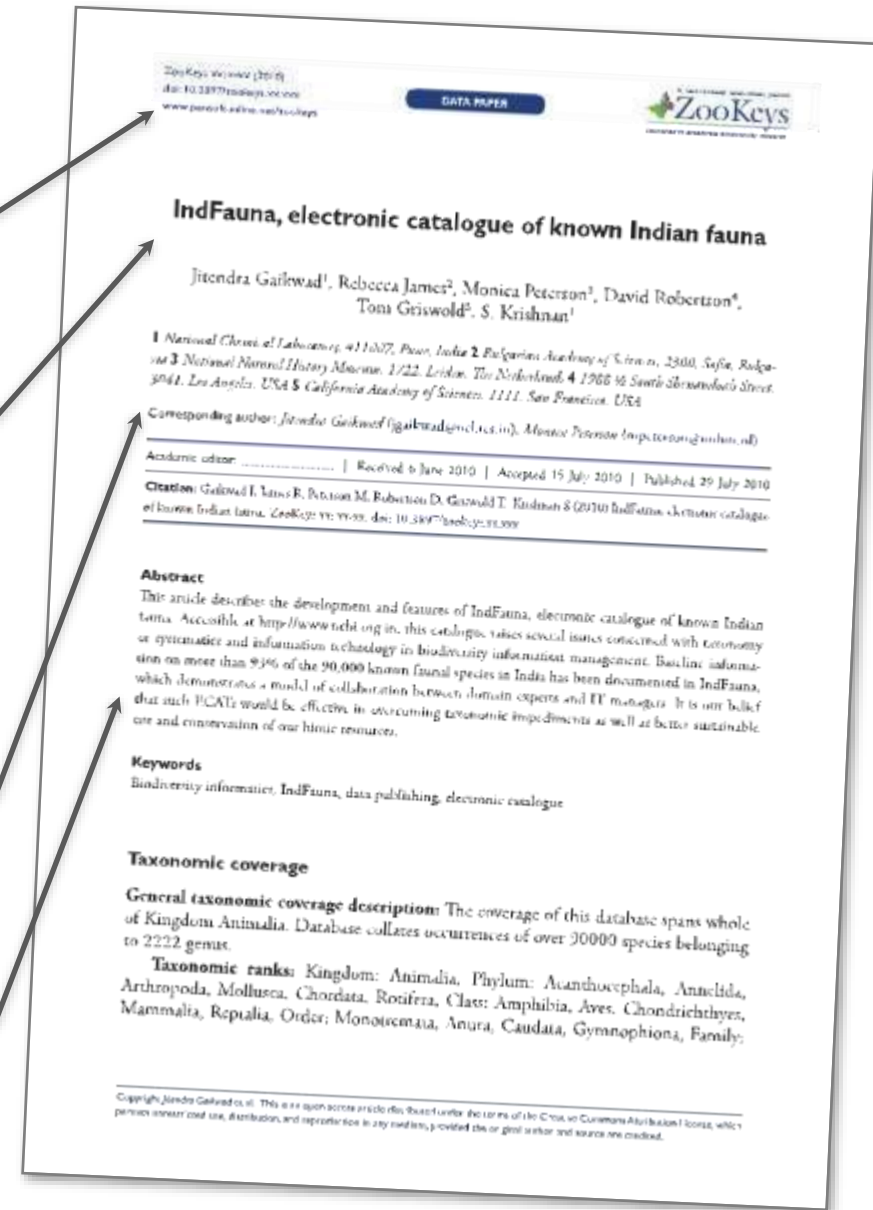
Promouvoir et faire connaître les données



Reconnaissance des éditeurs de données via une publication scientifique



Décrit les données sous forme structurée et lisible par un humain



Journals that publish biodiversity-related data papers

Please notify us at communication@gbif.org with corrections or updates.

Journal	Publisher	Open Access (license)	APC estimate	Journal Impact Factor (2021)	Scopus CiteScore (2021)
Annals of Forest Science	Springer Nature	CC BY	EUR 1690	3.775	5
Arxius de Miscel·lània Zoològica	Nat Hist Museum of Barcelona	CC BY	0	-	1
Big Earth Data	Taylor & Francis Online	CC BY	EUR 910	-	6.8
Biodiversity Data Journal	Pensoft	CC BY	from EUR 650	1.54	1.8
Biogeographia	eScholarship	CC BY	0	-	1.8
BioInvasions Records	REABIC Journals	CC BY	from EUR 560	1.672	2.8
BioRisk	Pensoft	Yes	from EUR 450	-	1.9
Biota Colombiana	Humboldt Institute, Colombia	CC BY-NC-ND	0	-	0.6
BMC Ecology and Evolution	Biomed Central	CC BY	EUR 2090	-	5.3
BMC Plant Biology	Biomed Central	CC BY + CC0	EUR 2090	5.26	6.9
Botanical Studies	Springer Nature	CC BY	EUR 1745	2.673	5
Check List	Biotaxa	CC BY	from EUR 250	-	1

Sur le site GBIF.org
<https://www.gbif.org/data-papers>

The Jean Gutierrez spider mite collection

Alain Migeon¹

¹ INRA, UMR 1062 CBGP, F-34988 Montferrier-sur-Lez, France

Corresponding author: *Alain Migeon* (alain.migeon@supagro.inra.fr)

Academic editor: *V. Pesic* | Received 28 January 2015 | Accepted 10 March 2015 | Published 23 March 2015

<http://zoobank.org/0719C382-988D-4DCC-8B24-00E65E3C8CC5>

Citation: Migeon A (2015) The Jean Gutierrez spider mite collection. ZooKeys 489: 15–24. doi: 10.3897/zookeys.489.9292

Abstract

The family Tetranychidae (spider mites) currently comprises 1,275 species and represents one of the most important agricultural pest families among the Acari with approximately one hundred pest species, ten of which considered major pests. The dataset presented in this document includes all the identified spider mites composing the Jean Gutierrez Collection hosted at the CBGP (Montferrier-sur-Lez, France), gathered from 1963 to 1999 during his career at the Institut de Recherche pour le Développement (IRD). It consists of 5,363 specimens corresponding to 1,564 occurrences (combination species/host plant/date).

Keywords

Acari, Tetranychidae, World, Madagascar, Western Indian Ocean, New Caledonia, South Pacific, Papuasia

Data published through GBIF

<http://www.gbif.org/dataset/ac60a288-fcc9-43fe-a7d4-e732b748a981>

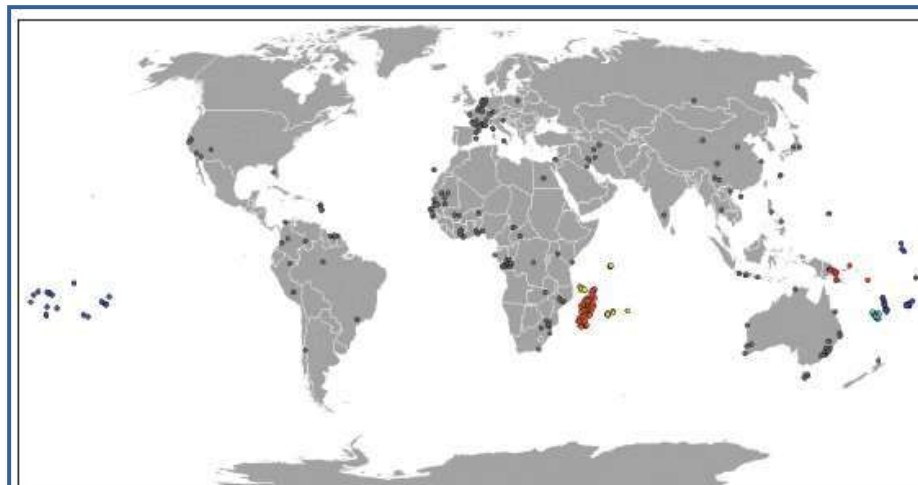


Figure 1. World map representing all the locations mentioned in the dataset. Areas of particular interest are represented with the same colour (● Madagascar, ● Western Indian Ocean, ● Papuasia, ● New Caledonia, ● South Pacific). Grey spots gather all the other locations.

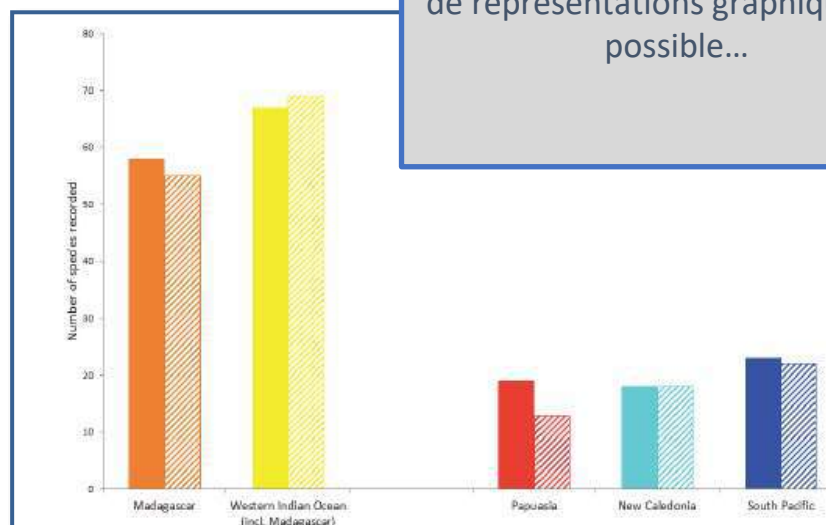


Figure 2. Number of species recorded in Jean Gutierrez collection dataset (solid bar) and in the literature (dashed bar) compiled in Spider Mites Web (<http://www1.montpellier.inra.fr/CBGP/spmweb/>) for the areas of particular interest. Colour scheme same as in Figure 1.

L'ajout d'analyses statistiques ou de représentations graphiques est possible...

http://www.gbif.org/dataset/ac60a288-fcc9-43fe-a7d4-e732b748a981

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Spider Mites Collection of Jean Gutie...

Occurrence dataset published by CBGP (UMR INRA, Cirad, IRD, Montpellier SupAgro)

5 262
Occurrences
[View occurrences](#)

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Summary

FULL TITLE
Spider Mites Collection of Jean Gutierrez

DESCRIPTION
The spider mites collection (Acari : Tetranychidae) has been set up by Jean Gutierrez, acarologist in IRD (French Institute of Research for Development) from 1960 to 2000 and is actually deposited in CBGP (CBGP – INRA, Campus International de Baillarguet, Avenue du Campus Agropolis, CS 30016, 34988 MONTFERRIER-sur-LEZ Cedex, [France](#)), an INRA (French National Institute for Agricultural Research) laboratory in Montpellier. The actual curator is Alain Migeon (Alain.Migeon@supagro.inra.fr). The 5262 slides represent 1564 occurrences (species/date/host plant/location) mainly from Western Europe, [Madagascar](#), Mascarens Islands, [New Caledonia](#) and Pacific Islands.

LANGUAGE OF METADATA
ENGLISH

LANGUAGE OF DATA
FRENCH

DOI [doi:10.15468/y3gua7](https://doi.org/10.15468/y3gua7)

PUBLISHED BY
[CBGP \(UMR INRA, Cirad, IRD, Montpellier SupAgro\)](#)

PUBLICATION DATE
27 juin 2014

REGISTRATION DATE
11 févr. 2014

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Resource Title Abundances and biological traits of the juveniles salmon sampled in the survey of Salmon abundance Indices in the Scorff river (France)

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Abundances and biological traits of the juveniles salmon sampled in the survey of Salmon abundance Indices in

Publishing Organisation*

Institut national de recherc

Type*

Occurrence

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Update Frequency*

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[Basic Metadata](#)

[Geographic Coverage](#)

[Taxonomic Coverage](#)

[Temporal Coverage](#)

[Keywords](#)

[Associated Parties](#)

[Project Data](#)

[Sampling Methods](#)

[Citations](#)

[Collection Data](#)

[External links](#)

[Additional Metadata](#)

L'Integrated Publishing Toolkit (IPT) facilite le remplissage des métadonnées et la production automatisée d'un manuscrit de Data Paper



Summary

Data Records

Downloads

Versions

How to cite

Rights

GBIF Registration

Keywords

Contacts

Geographic Coverage

Taxonomic Coverage

Temporal Coverage

Project Data

Sampling Methods

Abundances and biological traits of the juveniles salmon sampled in the survey of Salmon abundance Indices in the Scorff river (France)

Latest version published by Institut national de recherche pour l'agriculture, l'alimentation et la forêt (INRAE) on Feb 28, 2020

A survey started in 1993 is conducted every year in early autumn (October) to quantify the abundance of juvenile Atlantic salmon in the Scorff river. The electric fishing protocol of Prévost and Baglinière (1995) is used. It targets fish of the year (0+ parr), but older fish (juvenile salmon $\geq 1+$) are also included in the dataset. Sampling is restricted to areas with shallow running water and gravel substrate, i.e. the preferred habitat of young of the year salmon. The following biological traits measured on the fish sampled: sex, maturity status, length, weight, scale samples taken from the fish which size does not allow to be measured. The data are stored in the database of the ERO. They are used to provide scientific advice to improve the management of this heritage.

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[GBIF](#)

[DwC-A](#)

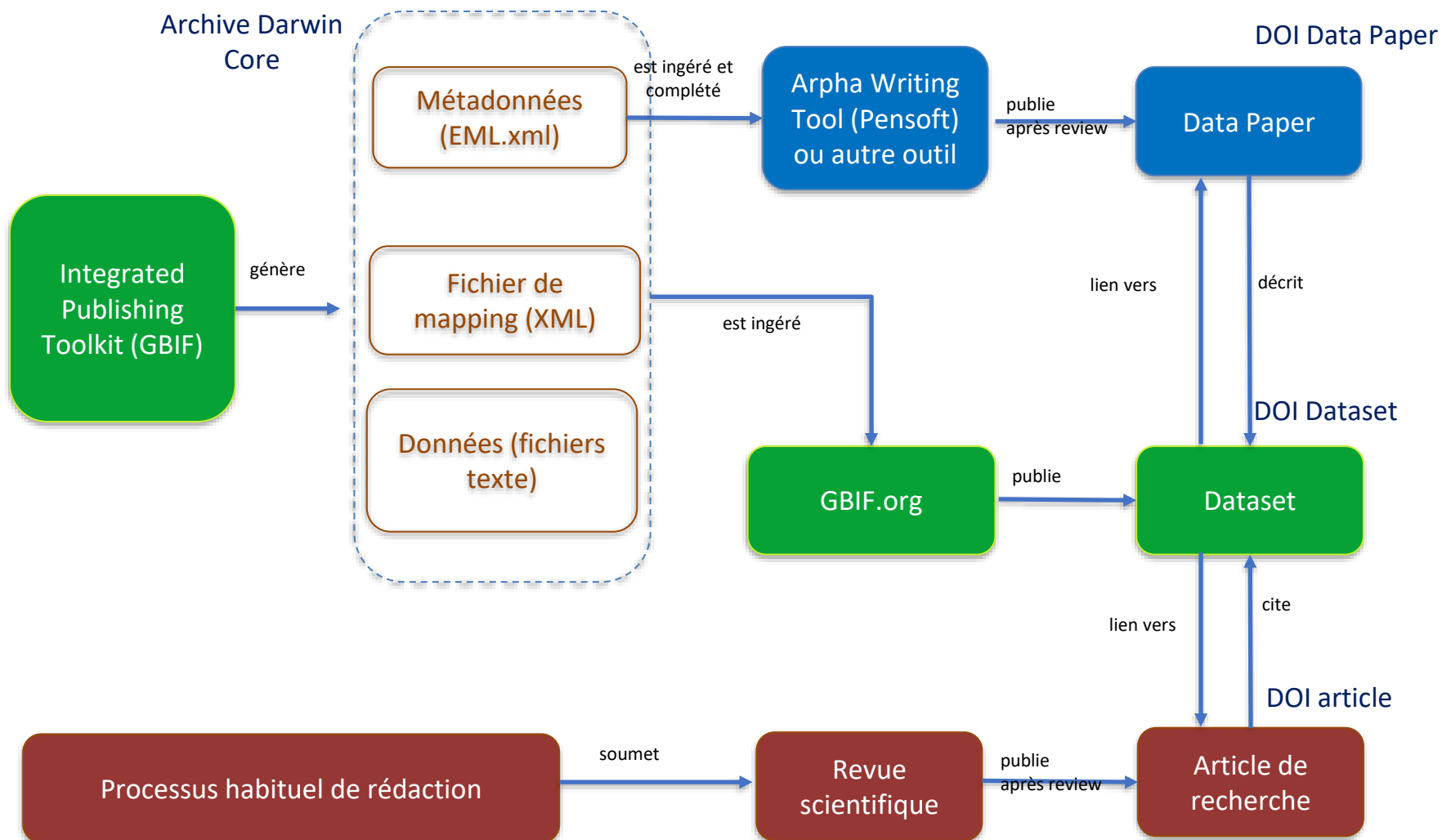
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En résumé



L'outil Arpha Writing Tool (Pensoft)

Un outil - parmi d'autres - d'aide à la rédaction de Data papers

Pensoft : maison d'édition de littérature scientifique, fondée en 1992 en Bulgarie

A développé les Data Papers sur les données de biodiversité en partenariat avec le GBIF (Global Biodiversity Information Facility) en 2010.



Outil de rédaction ARPHA : facilite la mise en page, la soumission, le processus de relecture, la publication, l'hébergement et l'archivage d'articles scientifiques.



Interface utilisateur

The screenshot displays the 'arpha' writing tool interface. At the top, a dark navigation bar contains icons for 'writing tool', 'Collection', 'Email co-authors and contributors', 'Helpdesk', 'Tips and tricks', 'Revision history', and a user profile for 'Ms Sophie Pamerlon'. Below this, a blue header bar shows the document title 'Data Paper (Biosciences)' and a rich text editor toolbar with various formatting options. On the left, a sidebar menu lists sections: 'Authors', 'Contributors', 'Article metadata' (with sub-items: Title, Abstract & Keywords, Classifications, Funder), 'Introduction' (with sub-item: First section), 'General description', 'Project description', 'Sampling methods', 'Geographic coverage', 'Taxonomic coverage', 'Traits coverage', 'Temporal coverage', 'Collection data', 'Usage rights', 'Data resources', 'Additional information', and 'Acknowledgements'. The main content area is titled 'Biodiversity Data Journal : Data Paper (Biosciences)' and features a 'Print' icon. The title 'Data Paper' is prominently displayed in a large box. Below the title, the author 'Sophie Pamerlon' is listed with an affiliation 'GBIF France, Paris, France'. A section for 'Corresponding author' includes the copyright notice '© 2018 Sophie Pamerlon' and a citation template 'Citation: () , <https://doi.org/>'. An 'OPEN ACCESS' logo is also visible. The content area is organized into sections: 'Abstract', 'Background' (containing the text 'Marchand 2017'), 'New information' (containing the text 'test'), 'Introduction', and 'First section'.

arpha writing tool

Collection

Email co-authors and contributors

Helpdesk

Tips and tricks

Revision history

Ms Sophie Pamerlon

Data Paper (Biosciences)

Authors

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Article metadata

- Title
- Abstract & Keywords
- Classifications
- Funder

Introduction

- First section

General description

Project description

Sampling methods

Geographic coverage

Taxonomic coverage

Traits coverage

Temporal coverage

Collection data

Usage rights

Data resources

Additional information

Acknowledgements

Biodiversity Data Journal : Data Paper (Biosciences)

Print

Data Paper

Sophie Pamerlon *

* GBIF France, Paris, France

Corresponding author:

© 2018 Sophie Pamerlon

Citation: () , <https://doi.org/>

OPEN ACCESS

Abstract

Background

Marchand 2017

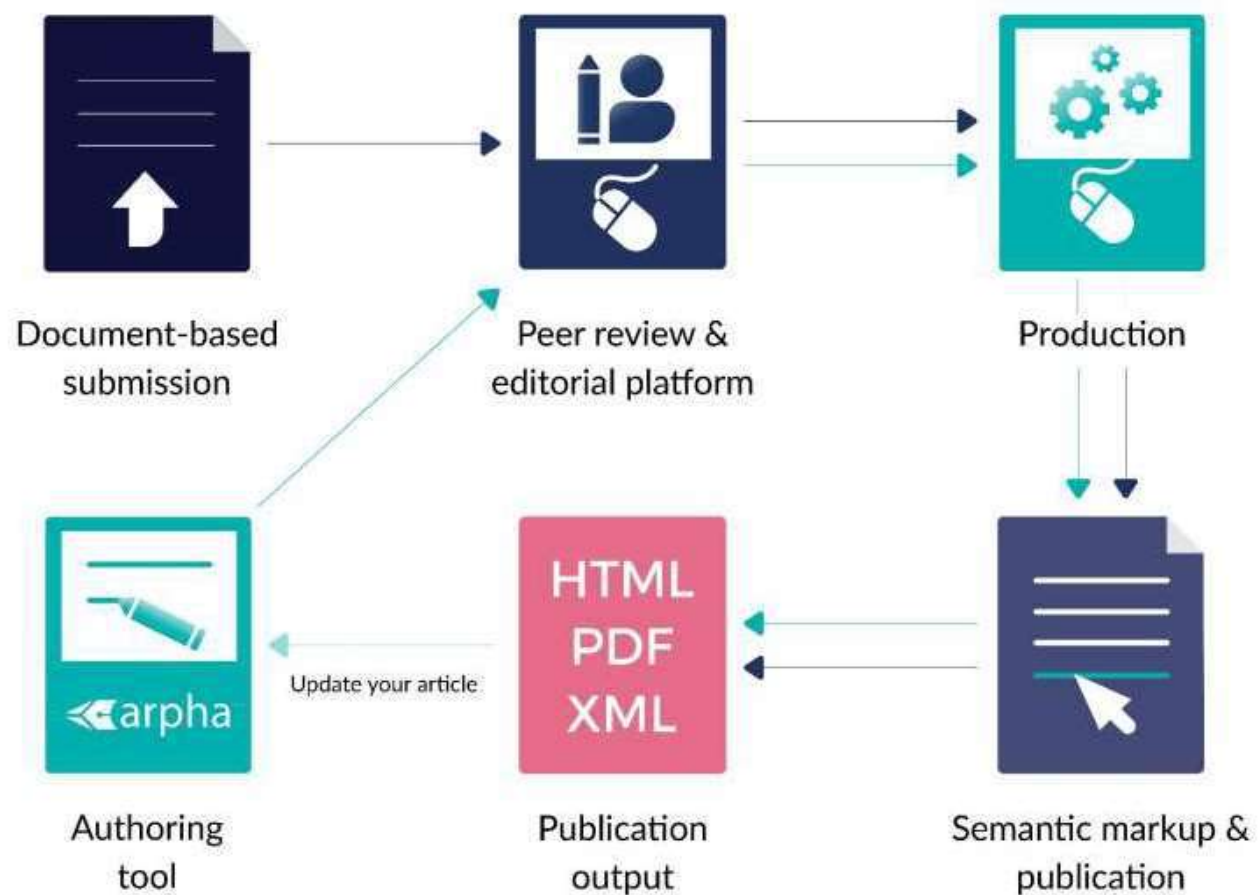
New information

test

Introduction

First section

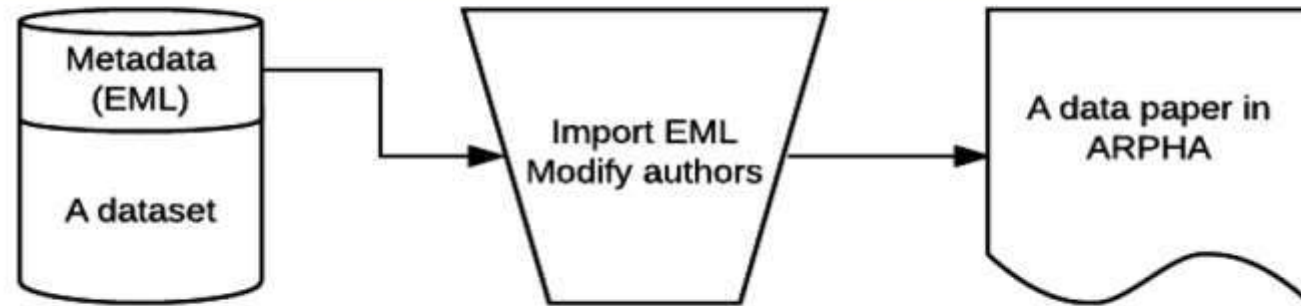
Deux voies de publication possibles : document ou XML



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Exemple : métadonnées GBIF (IPT) → Data Paper (ARPHA)

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 Sophie Pamerlon

Data Paper

Biodiversity Data Journal 5: e15125 (09 Nov 2017)
<https://doi.org/10.3897/BDJ.5.e15125>

Abundance indices and biological traits of juvenile salmon (*Salmo salar*) sampled in three rivers on the Atlantic and Channel coasts (France)

▼ Frédéric Marchand, Laurent Beaulaton, Etienne Prévost, Richard Delanoë, Jean-Pierre Destouches, François Gueraud, Yoann Guilloux, Nicolas Jeannot, Emmanuel Huchet, Frédéric Lange, Jacques Rives, Julien Tremblay, Nadine Herrard, Didier Azam

Abstract ▲

Background

Atlantic Salmon (*Salmo salar*) is an anadromous migratory species adapted to cool temperatures. It is protected by the Bern convention and by the European Habitats Directive. It has been listed as vulnerable by the French IUCN Red List. Salmon decline is the result of combined and cumulated, mainly anthropic, causes: climate change, increasingly high number of impoundments, degradation of water quality and habitat and over-exploitation by fisheries. Monitoring of this species has been carried out on three rivers in France (Southern part of the distribution area) to produce data and knowledge (growth, precocious maturity, survival) for stock management.

For 24 years, a specific and standardised electric fishing protocol has been used to target young-of-the-year (0+ parr) Atlantic salmon. Sampling was restricted to areas with shallow running water that flows over a coarse bottom substrate, i.e. the preferred habitat of young salmon. This monitoring and inventory of growing areas thus allows assessment of juvenile recruitment and provides baseline data required to calculate total allowable catches (TACs).

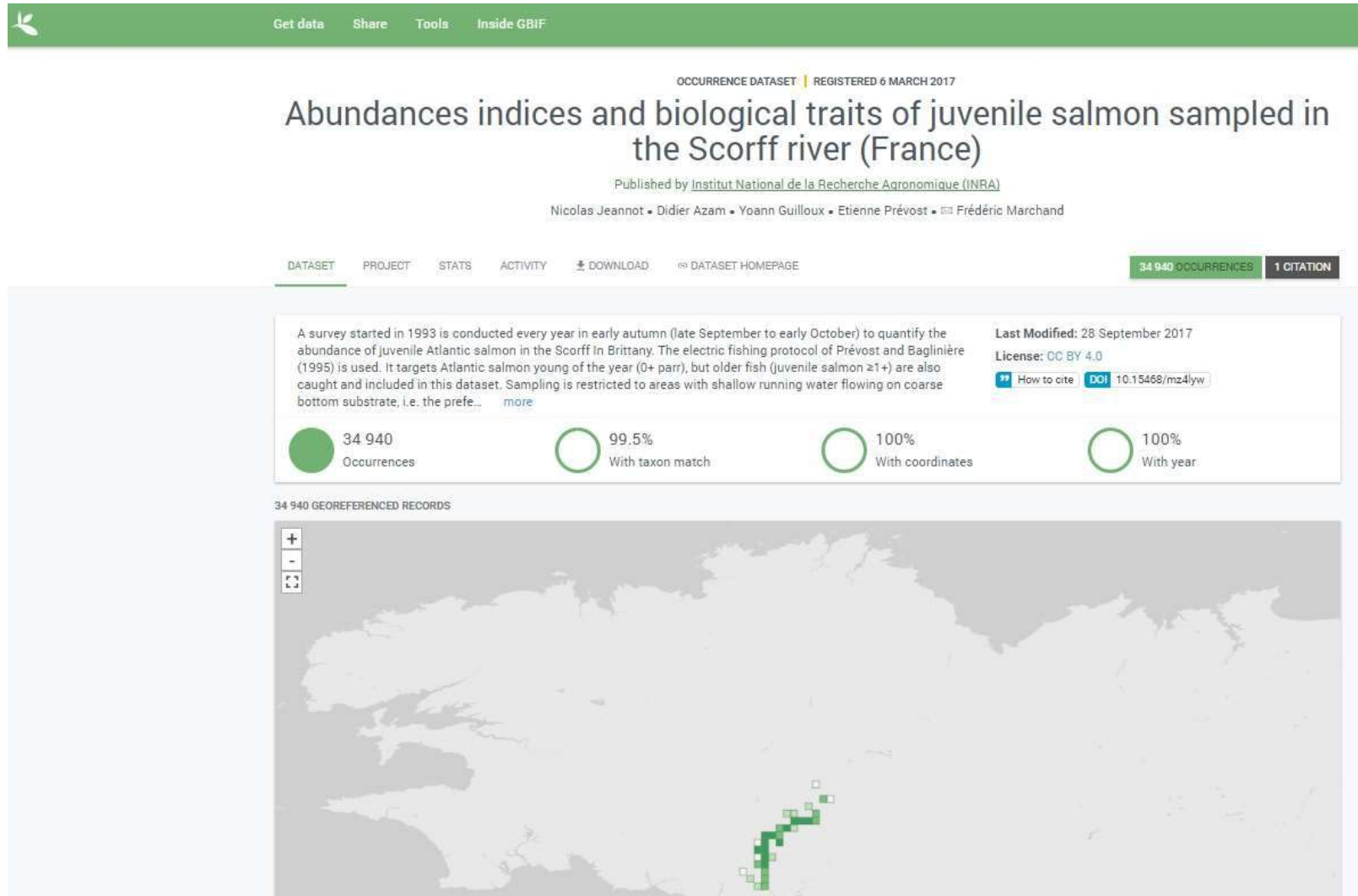
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Figs	Taxa	Data	Refs	Cited	

[Article metadata](#)
[Introduction](#)
[Project description](#)
[Sampling methods](#)
[Geographic coverage](#)
[Taxonomic coverage](#)
[Temporal coverage](#)
[Collection data](#)
[Usage rights](#)
[Data resources](#)
[Additional information](#)
[Acknowledgements](#)
[References](#)
[Supplementary files](#)

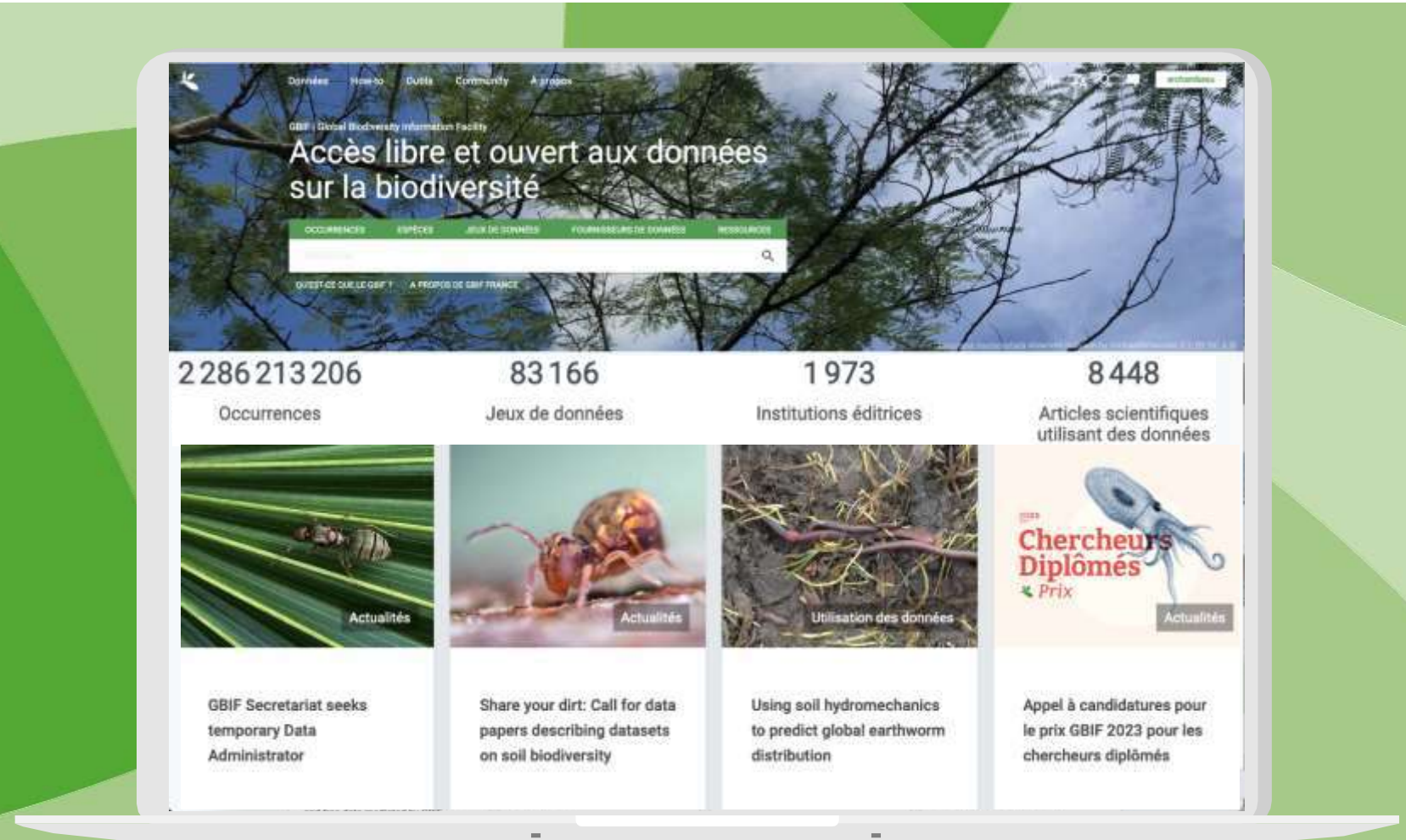
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Un des jeux de données correspondant sur www.gbif.org :



Le GBIF en chiffres (mars 2023)

- Plus de 2,28 milliards de données accessibles dont 133,4 millions avec objets multimédias associés
- 228,72 millions de spécimens dont plus de 52,2 millions avec objets multimédias :
 - 52 194 958 images
 - 415 vidéos
 - 5374 fichiers sons
- 8448 publications scientifiques
- 119,7 milliards de données téléchargées par mois en moyenne (2022)



Appels à Data Papers



Share your dirt: Call for data papers describing datasets on soil biodiversity



Second call for data papers describing datasets on vectors of human diseases



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DATA PAPERS

LES DATA PAPERS

Le Data Paper est une publication scientifique dont le but principal est de décrire un jeu de données ou un ensemble de jeux de données, plutôt que de rendre compte d'une enquête de recherche.

QUELQUES EXEMPLES DE DATA PAPERS

2022

■ Small terrestrial mammals (Rodentia and Soricomorpha) along a gradient of forest anthropization (reserves, managed forests, urban parks) in France. Julien Pradel, Marie Boulloud, Anne Loiseau, Sylvain Piry, Maxime Galan, Emmanuelle Artige, Guillaume Castel, Julien Ferrero, Romain Gallet, Geoffrey Thuel, Nathalie Vieira, Nathalie Charbonnel (2022). Biodiversity Data Journal : e95662. <https://doi.org/10.3897/arphapreprints.e95662>

■ Myctobase, a circumpolar database of mesopelagic fishes for new insights into deep pelagic prey fields. Woods, B., Trebilco, R., Walters, A. et al. Sci Data 9, 404 (2022). <https://doi.org/10.1038/s41597-022-01496-y>

■ AIMSurg: First pan-European harmonized surveillance of Aedes invasive mosquito species of relevance for human vector-borne diseases. Miguel Ángel Miranda, Carlos Barceló, Daniele Arnoldi, Xenia Augsten, Karin Bakran-Hebl, George Balatsos, Mikel Bengoa, Philippe Bindler, Kristina Boršová, Maria Bourquia, Daniel Bravo-barriga, Viktória Čabanová, Beniamino Caputo, Maria Christou, Sarah Delacour, Roger Eritja, Ouafaa Fassi-fihri, Martina Ferraguti, Eleonora Flacio, Eva Frontera, Hans-peter Fuehrer, Ana L. García-pérez, Pantelis Georgiades, Sandra Gewehr, Fátima Goiri, Mikel Alexander González, Martin Gschwind, Rafael Gutiérrez-lópez, Cintia Horváth, Adolfo Ibáñez-justicia, Viola Jani, Pärparim Kadriaj, Katja Kalan, Mihaela Kavran, Ana Klobucar, Kornélia Kurucz, Javier Lucientes, Renke Lühken, Sergio Magallanes, Giovanni Marini, Angeliki F. Martinou, Alice Michelutti, Andrei Daniel Mihalca, Tomás Montalvo, Fabrizio Montarsi, Spiros Mourelatos, Nesade Mujab-jraktari, Pie Müller, Gregoris Notarides, Hugo Costa Osório, José A. Oteo, Kerem Oter, Igor Pajović, John R. B. Palmer, Suncica Petrinic, Cristian Răileanu, Christian Rles, Elton Rogozi, Ignacio Ruiz-arrrondo, Isis Sanpera-calbet, Nebojša Sekulić, Kivanc Sevim, Kurtesh Sherifi, Cornelia Silaghi, Manuel Silva, Nikolina Sokolovska, Zoltán Soltész, Tatiana Sulesco, Jana Šušnjar, Steffanie Teekema, Andrea Valsecchi, Marlen Ines Vasquez, Enkelejda Velo, Antonios Michaelakis, William Wint, Dušan Petrić, Francis Schaffner, Alessandra Della Torre, Consortium Aim-cost/aim-surg, Gigabyte, 2022 <https://doi.org/10.46471/gigabyte.57>

■ The first large-scale All Taxa Biodiversity Inventory in Europe: description of the Mercantour National Park ATBI data sets. Ichter J., Gargominy O., Leccia M-F., Robert S., Poncet L. (2022). ARPHA Preprints. <https://doi.org/10.3897/arphapreprints.e85910>

■ Geohistorical dataset of ten plant species introduced into Occitania (France). Claudel M., Lerigoleur E., Brun C., Guillerme S. (2022). Biodiversity Data Journal 10: e76283. <https://doi.org/10.3897/BDJ.10.e76283>

■ The nationwide 'ZNIEFF' inventory in France: an open dataset of more than one million species data in zones of high ecological value. Lepareur F., Manceau M., Revilol Y., Touroult J., Robert S., Vest F., Horellou A., Poncet L. (2022).

liste des data papers comportant au moins un auteur français

Pour en savoir plus

- <http://www.gbif.fr/page/ressources/data-papers>
- <https://www.gbif.org/data-papers>
- [https://pensoft.net/J_FILES/Pensoft Data Publishing Policies and Guidelines.pdf](https://pensoft.net/J_FILES/Pensoft_Data_Publishing_Policies_and_Guidelines.pdf)
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