

generated January 2025

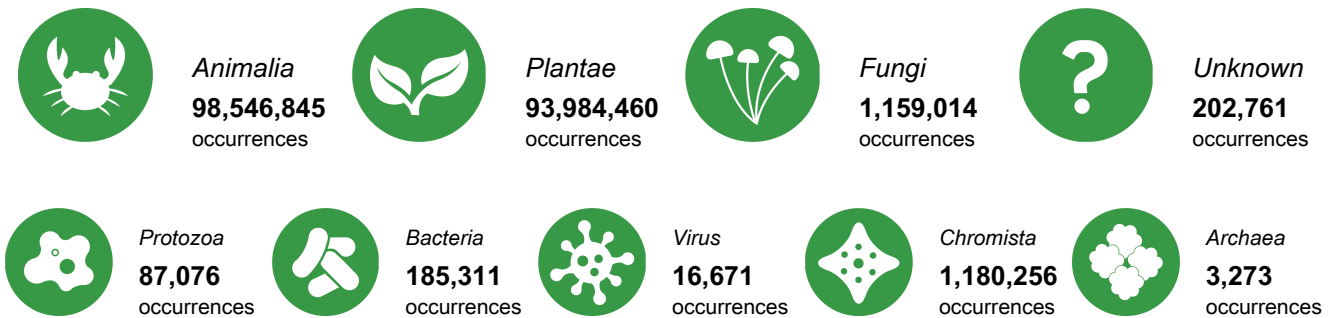
France

This report provides a series of summary charts, statistics and other details about the mobilization and use of open-access species data through the GBIF network, relating to users and participating institutions in France. These metrics show status at the time of report generation, unless otherwise noted. Taken together, the elements of this report can help guide and measure progress toward the information needs for biodiversity research, as well as for national commitments on biodiversity and sustainable development.

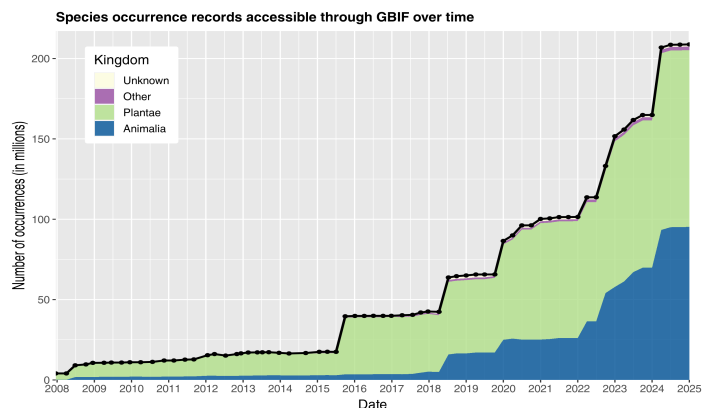
► Access and usage



► Data availability in France



► Data mobilization

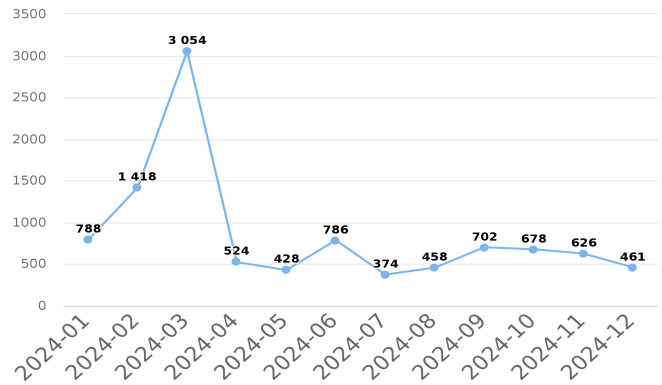
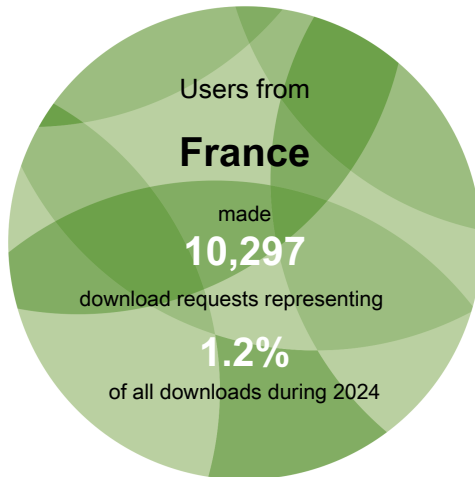


Number of records published by institutions in France, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in France



Monthly downloads requested by users in France

Recent peer-reviewed articles using GBIF-mediated data by co-authors based in France

The GBIF Secretariat maintains and reports on an ongoing literature tracking programme, giving priority to substantive uses of GBIF-mediated data in peer-reviewed literature while identifying the countries or areas of the authors' institutional affiliations. The citations below represent the five most recent journal articles with at least one co-author from France.

Those interested in assisting the Secretariat in identifying additional peer-reviewed uses of GBIF-mediated data may forward relevant citations to comms@gbif.org.

González-Moreno, Anđelković, Adriaens *et al.* (2024) Citizen science platforms can effectively support early detection of invasive alien species according to species traits. *People and Nature*.

<https://doi.org/10.1002/pan3.10767>

Hackel, Razafimanantsoa, Porcher *et al.* (2024) Heathers (*Erica*, Ericaceae) of Madagascar: taxonomy, evolution, ecology and uses. *ARPHA Preprints*.

<https://doi.org/10.3897/arphapreprints.e141580>

Waldock, Maire, Albouy *et al.* (2024) Micronutrient levels of global tropical reef fish communities differ from fisheries capture. *People and Nature*.

<https://doi.org/10.1002/pan3.10736>

Tytar, Kozynenko, Pupins *et al.* (2024) Species Distribution Modeling of *Ixodes ricinus* (Linnaeus, 1758) Under Current and Future Climates, with a Special Focus on Latvia and Ukraine. *Climate*.

<https://doi.org/10.3390/cli12110184>

Janc, Dambrine, Lambert *et al.* (2024) Fish distribution shifts due to climate change in the Northeast Atlantic: Using a hierarchical filtering approach on marine-estuarine opportunist species. *Estuarine, Coastal and Shelf Science*.

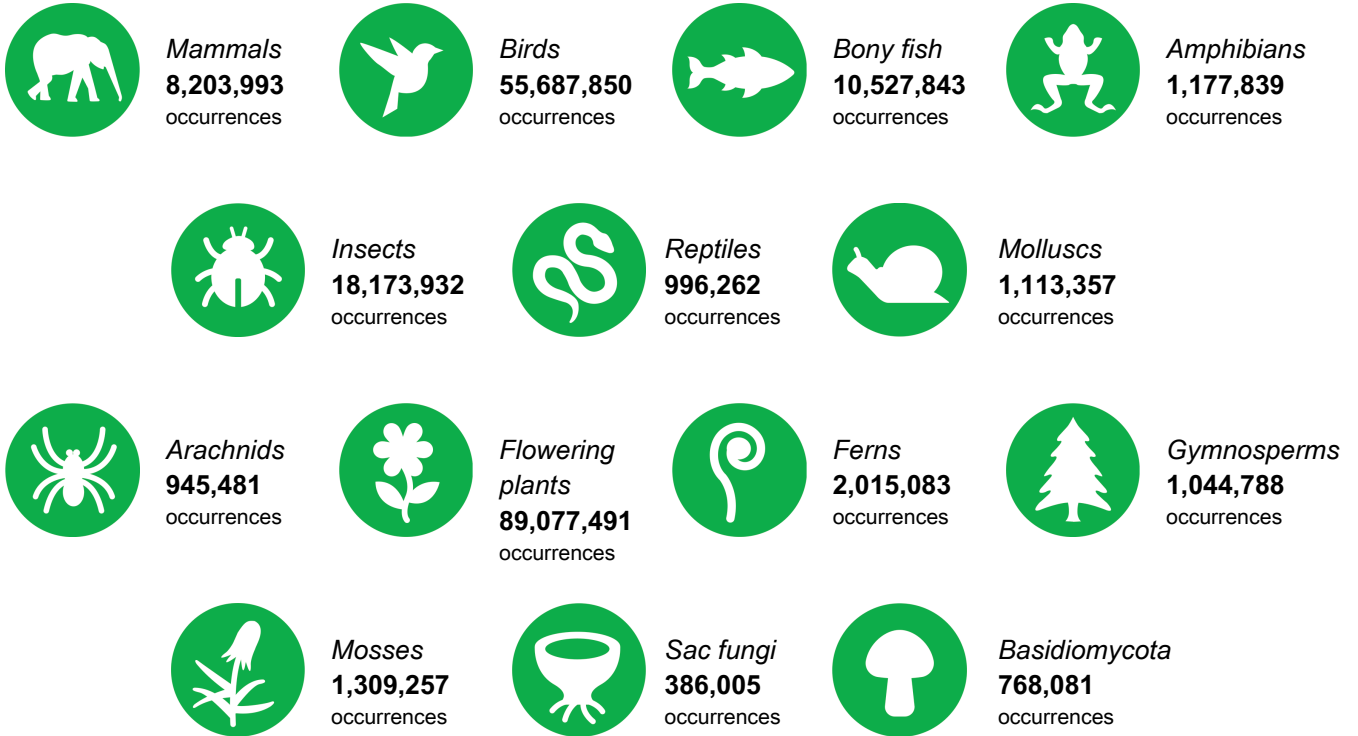
<https://doi.org/10.1016/j.ecss.2024.109013>

See all research from this country or area
gbif.org/country/FR/publications/from



Data availability

Total data available for selected taxonomic groups in France



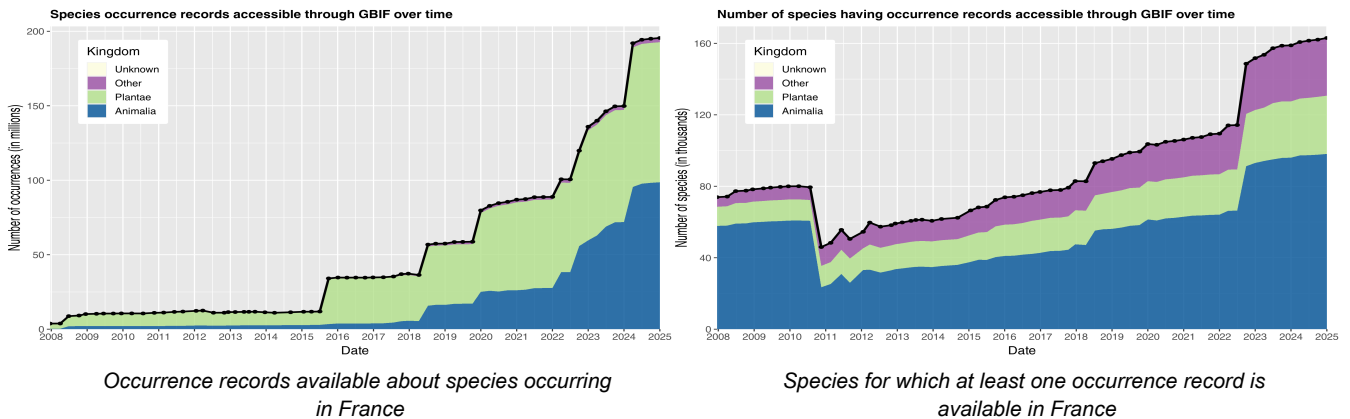
Mammals = Class *Mammalia*
 Birds = Class *Aves*
 Bony fish = Superclass *Osteichthyes* p.p.
 Amphibians = Class *Amphibia*

Insects = Class *Insecta*
 Reptiles = Class *Testudines, Sphenodontia, Squamata & Crocodylia*
 Molluscs = Phylum *Mollusca*

Arachnids = Class *Arachnida*
 Flowering plants = Phylum *Magnoliophyta*
 Gymnosperms = Superclass *Gymnospermae*

Ferns = Phylum *Pteridophyta*
 Mosses = Phylum *Bryophyta*
 Sac fungi = Phylum *Ascomycota*
 Basidiomycota = Phylum *Basidiomycota*

Change over time in records about biodiversity in France



WHY MIGHT THE AMOUNT OF MOBILIZED DATA DECREASE?

Datasets are sometimes removed by publishers, but more often decreases in the number of records are due to the removal of duplicate records and datasets.

SPECIES COUNTS represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



Most recent datasets from publishers in France

The Umboniinae (Mollusca: Gastropoda: Trochidae) of New Caledonia, with descriptions of two new genera and eight new species, plus an additional new species from the Bismarck Sea. *Published by European Journal of Taxonomy Consortium*
<https://doi.org/10.15468/ybqqk5>

First endemic arachnid from Isla Sala y Gómez (Motu Motiro Hiva), Chile: a new species of tube-dwelling spider (Araneae: Segestriidae). *Published by European Journal of Taxonomy Consortium*
<https://doi.org/10.15468/hh8cd3>

Echinoderes xiphophorus sp. nov. - the first deep-water representative of Echinoderidae in the Sea of Japan (Kinorhyncha: Cyclorhagida). *Published by European Journal of Taxonomy Consortium*
<https://doi.org/10.15468/zdd25n>

Herbier De Notaris (Mousses d'Italie, TL 123). *Published by Université Toulouse III - Paul Sabatier, Herbarium TL*
<https://doi.org/10.15468/w3jm8w>

Herbier Letendre (champignons phytopathogènes, TL 108). *Published by Université Toulouse III - Paul Sabatier, Herbarium TL*
<https://doi.org/10.15468/d67e8s>

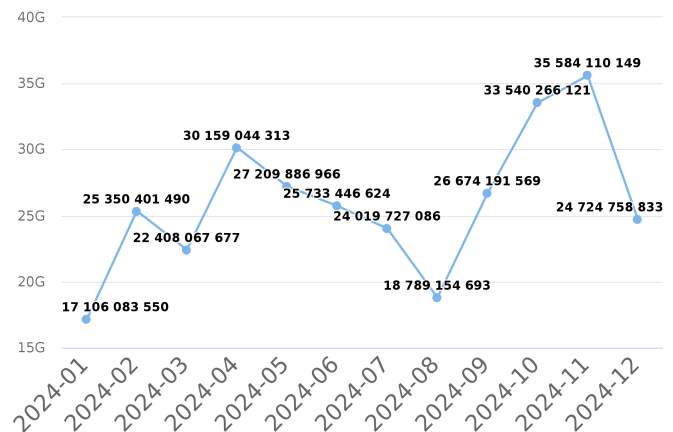
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=FR

Newest publishers from France

- European Journal of Taxonomy Consortium
- Observatoire Hommes-Milieus Littoral Caraïbe
- Réseau Initiatives des Eco-Explorateurs de la Mer
- Le Beffroi Musée Boucher de Perthes - Manessier
- ENGIE

See all publishers from this country or area
gbif.org/publisher/search?country=FR

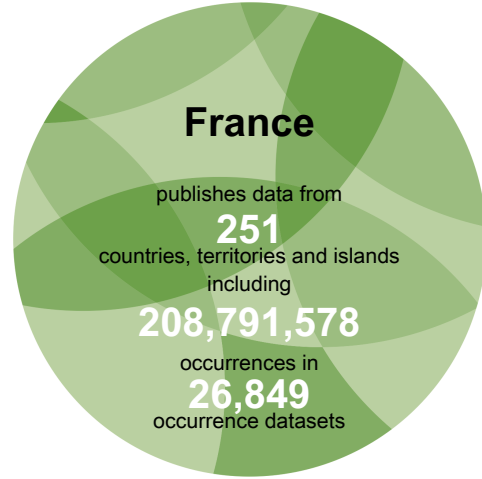
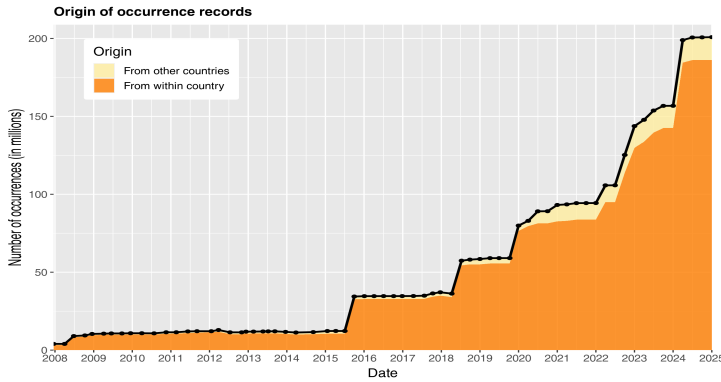
Occurrence records downloaded from GBIF.org, published by institutions in France



Number of occurrence records downloaded via GBIF.org published by institutions in France

Data mobilization

Data sharing with country or area of origin by national institutions in France



Data sharing with country or area of origin

The chart above shows the number of records shared over time by publishers within France, with separate colours for records about species occurring within undefined and those occurring elsewhere.

Top data contributors about biodiversity in France

Rank	Country or area	No. of occurrences
1	France	186,042,024
2	Netherlands	2,778,536
3	United States of America	2,603,787
4	Belgium	1,784,350
5	United Kingdom	659,612
6	Switzerland	384,968
7	Germany	234,688
8	Luxembourg	185,027
9	Spain	180,285
10	International organization or unknown country	102,188

Table 1. Ranking of countries or areas contributing data about France

Top datasets contributing data about France

INPN - Données flore des CBN agrégées par la FCBN. *20,946,186 occurrences in France.* (Last updated 7 Nov 2017)

Données acquises par le Conservatoire botanique national du Bassin parisien et son réseau (bénévoles, associations, autres structures professionnelles) - Flore du Bassin parisien (CBNBP). *7,038,620 occurrences in France.* (Last updated 16 Dec 2022)

Données Oiseaux des Jardins. *6,461,235 occurrences in France.* (Last updated 20 Mar 2024)

Données piscicoles et astacicoles des cours d'eau de France métropolitaine bancarisées dans ASPE (OFB) - Données acquises selon le protocole de pêche complète à un ou plusieurs passages - ASPE - OFB. *5,085,452 occurrences in France.* (Last updated 17 Dec 2022)

EOD – eBird Observation Dataset. *4,906,993 occurrences in France.* (Last updated 27 Sep 2024)



France participates in the following projects coordinated by GBIF

Using the CBD Clearing-House Mechanism to strengthen biodiversity data acquisition and data sharing

Capacity Enhancement Support Programme, 2019–2020

A new content management system, Bioland Tool, could use the Convention on Biological Diversity's CHM network and infrastructure to improve biodiversity data sharing

<https://www.gbif.org/project/79ZRBGx5dNXYP2ijHKebK>

Atlas of Living France

, 2015–2015

The Atlas of Living France provides open access to primary biodiversity data from French institutions.

<https://www.gbif.org/project/82969>

Plinian Core for plant-pollinator interactions

Capacity Enhancement Support Programme, 2023–2024

<https://www.gbif.org/project/CESP2023-011>

International Living Atlases workshop

Capacity Enhancement Support Programme, 2017–2018

This project will support and strengthen the growing international community of practice around open-source software developed by the Atlas of Living Australia.

<https://www.gbif.org/project/83337>

Mentoring between GBIF Benin and GBIF France

Capacity Enhancement Support Programme, 2017–2018

GBIF France will support GBIF Benin to mobilize both new data and data types using on tools and practices developed within the GBIF network.

<https://www.gbif.org/project/83340>

Mentoring Madagascar (MadBIF) - GBIF France

Capacity Enhancement Support Programme, 2015–2016

Guidance and technical support for Madagascar to implement a better data mobilization strategy and to mobilize and publish new data using the tools developed by GBIF.

<https://www.gbif.org/project/82213>

International Living Atlases workshop: how to improve data use with Atlas of Living Australia modules

Capacity Enhancement Support Programme, 2018–2019

This project will provide international and technical training around the implementation of ALA platform analysis modules in addition to documentation of national atlases for end-users.

<https://www.gbif.org/project/6AxePwlnacq6S28iKOGki>

Mobilization and strengthening of biodiversity data supporting sustainable development in Côte d'Ivoire

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-AF2020-128-NAC>

Progress towards a regional data platform of West and Central African herbaria

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-AF2020-040-REG>

Mentoring of GBIF Cameroon by GBIF Benin and GBIF France

Capacity Enhancement Support Programme, 2021–2022

<https://www.gbif.org/project/CESP2021-002>

See all GBIF projects
[gbif.org/resource/search?contentType=project](https://www.gbif.org/resource/search?contentType=project)