

generated January 2026

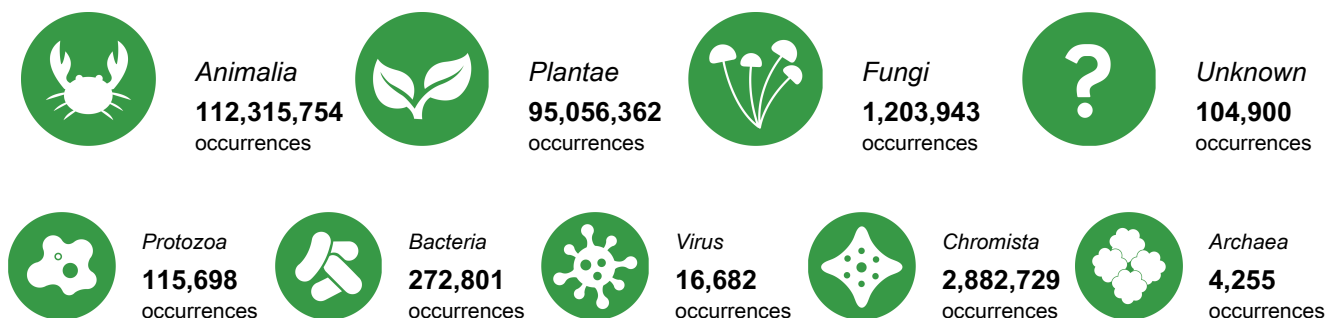
France

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.

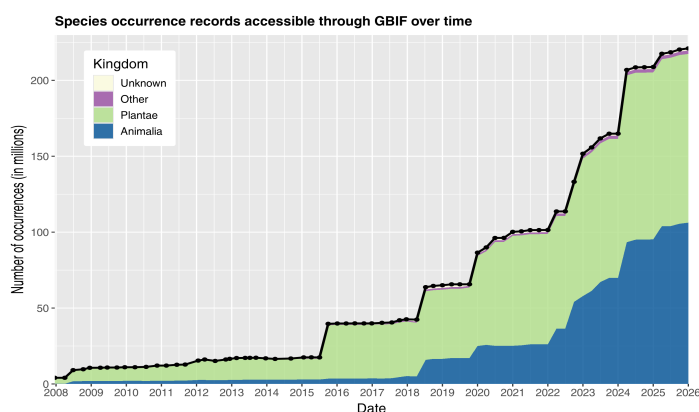
► Access and usage



► Data availability in France



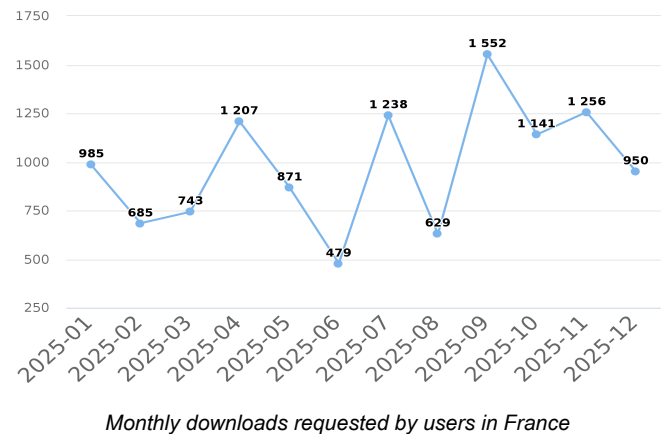
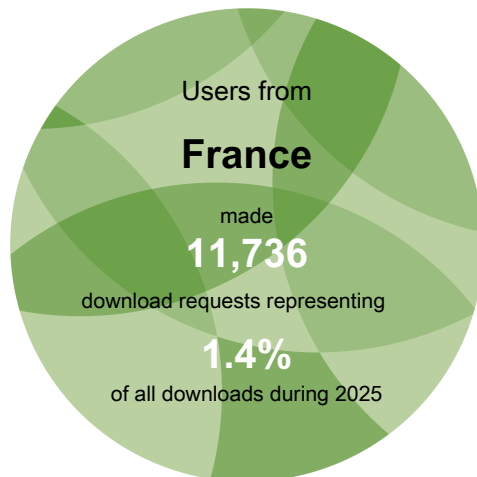
► Data mobilization



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

Access and usage

Data downloads on GBIF.org from users in France



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.

Radici, Hammami, Cannet *et al.* (2025) *Aedes albopictus* Is Rapidly Invading Its Climatic Niche in France: Wider Implications for Biting Nuisance and Arbovirus Control in Western Europe. *Global Change Biology*.
<https://doi.org/10.1111/gcb.70414>

Fuster-Calvo, Valentin, Tamayo *et al.* (2025) Evaluating the feasibility of automating dataset retrieval for biodiversity monitoring. *PeerJ*.
<https://doi.org/10.7717/peerj.18853>

Maturana, Bernal-Durán, Gañán *et al.* (2025) Bridging the Scotia Arc: Climate-Driven Shifts in Connectivity of the Freshwater Crustacean *Branchinecta gaini* in Sub-Antarctic and Antarctic Ecosystems. *Diversity and Distributions*.
<https://doi.org/10.1111/ddi.70049>

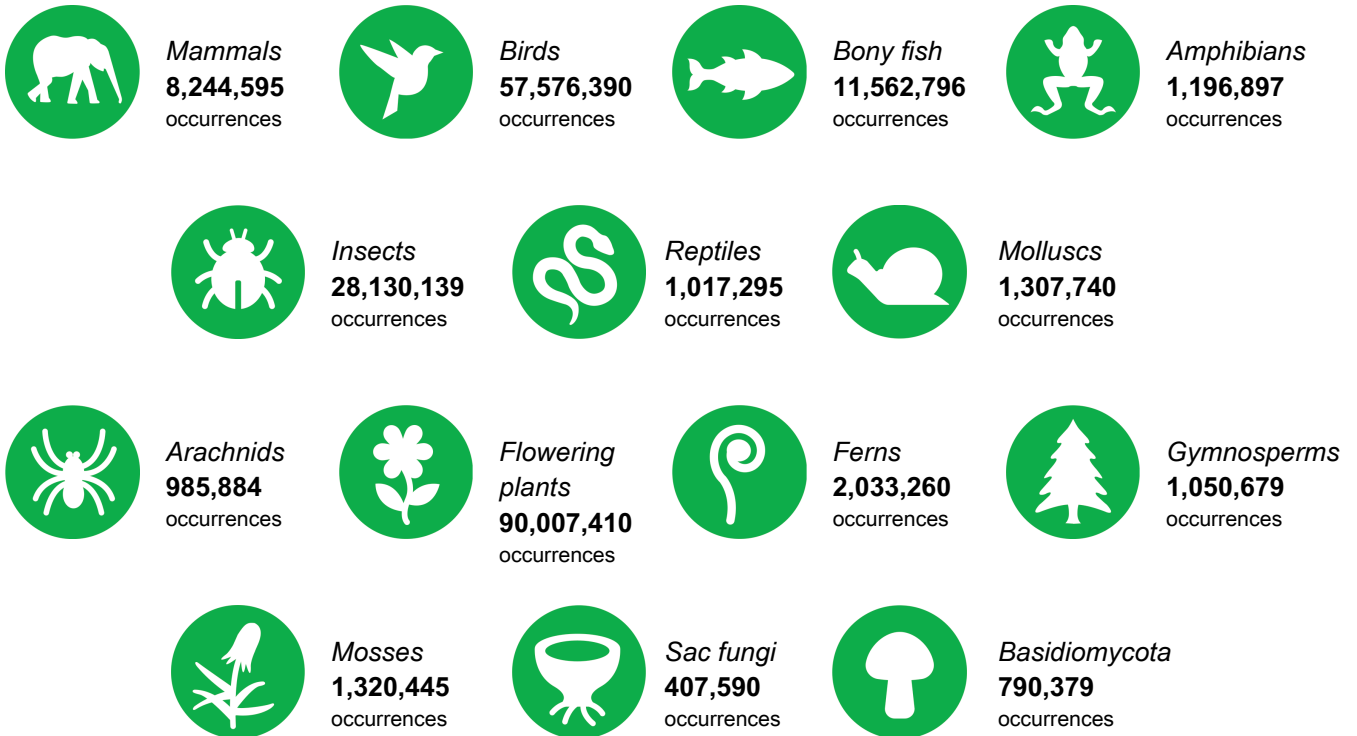
Seebens, Meyerson, Richardson *et al.* (2025) Biological invasions: a global assessment of geographic distributions, long-term trends, and data gaps. *Biological Reviews*.
<https://doi.org/10.1111/brv.70058>

Tomlinson, Yu, Wang *et al.* (2025) The macroecology of spines on woody plants. *Biological Reviews*.
<https://doi.org/10.1111/brv.70051>

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



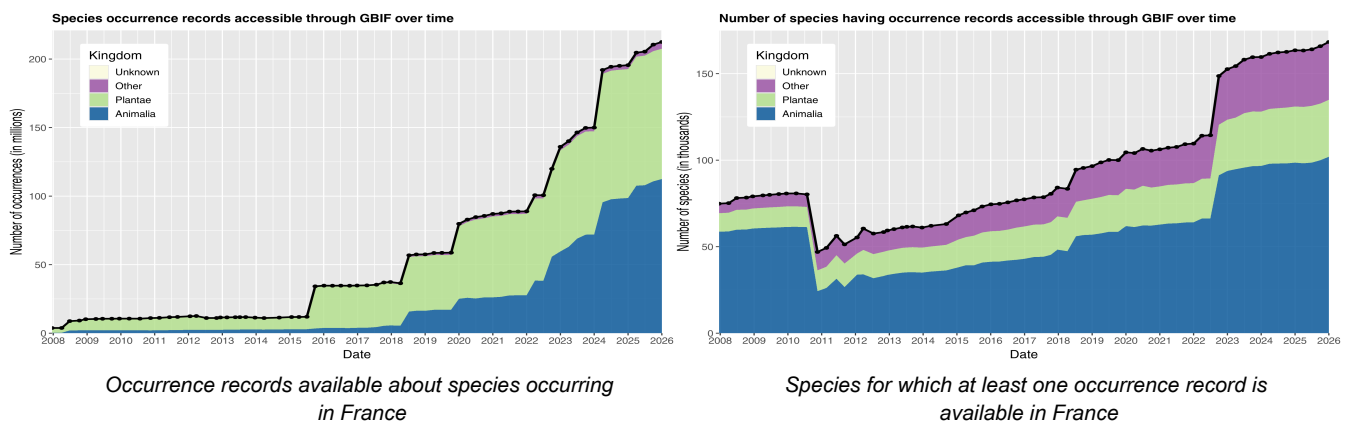
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

An illustrated type catalogue of the bee species collected by Alfred Russel Wallace and described by Frederick Smith from Southeast Asia (Hymenoptera: Apoidea). *Published by European Journal of Taxonomy*

<https://doi.org/10.15468/5hwfzv>

Integrative taxonomy supports the description of two new species of Macrobiotidae (Tardigrada, Eutardigrada) from Kristianstads Vattenrike Biosphere Reserve in Sweden. *Published by European Journal of Taxonomy*

<https://doi.org/10.15468/8hjvjn>

New species and new records of flat-faced longhorned beetles (Cerambycidae, Lamiinae) from the Brazilian Northeast Region. *Published by European Journal of Taxonomy*

<https://doi.org/10.15468/je55qe>

Partial revision of northern European Prionospio Malmgren, 1867 (Annelida: Spionidae). *Published by European Journal of Taxonomy*

<https://doi.org/10.15468/nb7x4t>

Meiofauna, nematodes and associated sediment characteristics of the mangrove-colonized banks of Cayenne estuary (French Guiana) during the wet season of 2022. *Published by Institut Universitaire Européen de la Mer*

<https://doi.org/10.15468/ysbx6p>

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

Newest publishers from France

Institut Universitaire Européen de la Mer

EcoTaxa

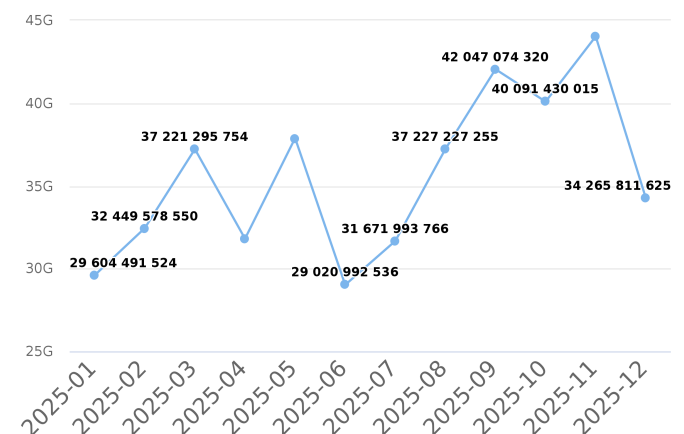
Comptes Rendus Palevol

Cryptogamie, Mycologie

Cryptogamie, Bryologie

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

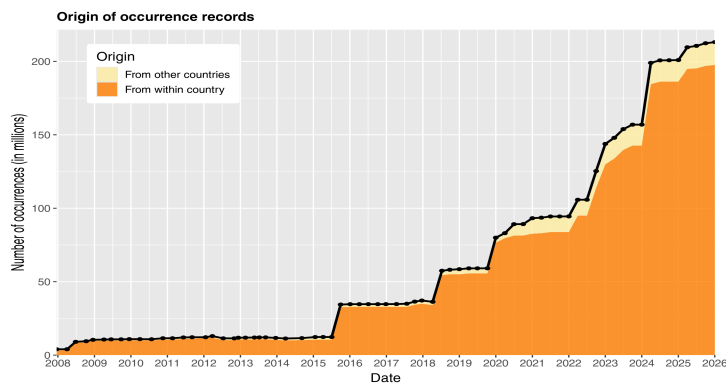
Occurrence records downloaded from GBIF.org, published by institutions in France



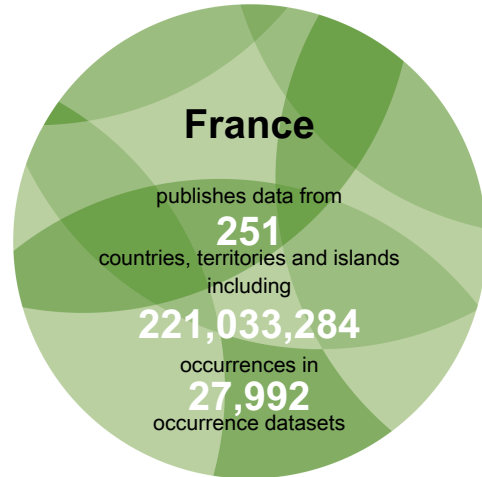
Number of occurrence records downloaded via
GBIF.org published by institutions in France

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	197,405,248
2	Belgium	4,102,572
3	United States of America	3,603,363
4	Netherlands	3,269,728
5	Denmark	1,322,101
6	United Kingdom	916,504
7	Switzerland	450,277
8	Germany	297,943
9	Luxembourg	192,338
10	Spain	182,799

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 18 Nov 2025)

A spatio-temporal Culicoides species dataset produced by the French surveillance program from 2009 to 2012. 8,683,785 occurrences in France. (Last updated 21 Jul 2025)

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 19 Nov 2025)

Données Oiseaux des Jardins. 6,461,235 occurrences in France. (Last updated 30 Oct 2025)

EOD – eBird Observation Dataset. 6,315,513 occurrences in France. (Last updated 29 Oct 2025)

See all contributing countries and areas or datasets: gbif.org/country/FR/about

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/6AxePwlnacq6S28iK0Gki>

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)