



generated January 2025

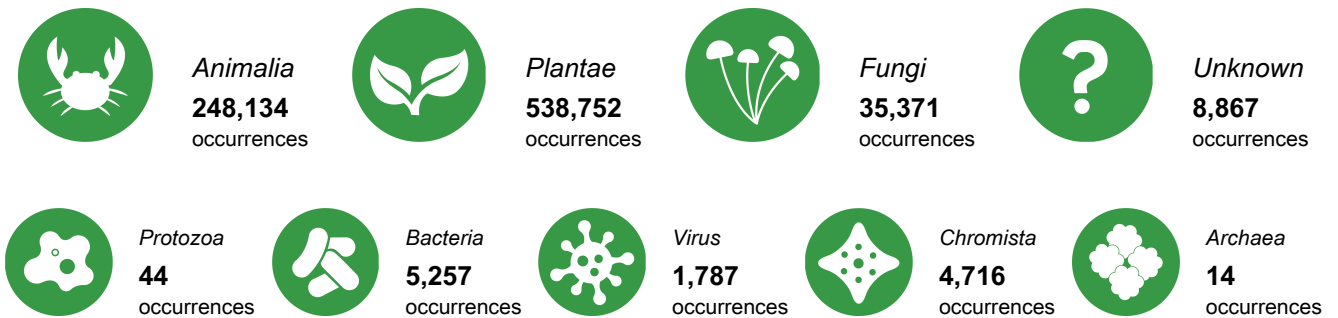
Gabon

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 Gabon. 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.

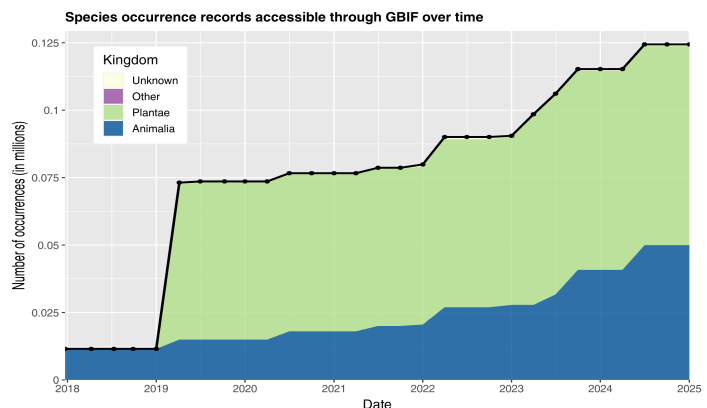
► Access and usage



► Data availability in Gabon



► Data mobilization

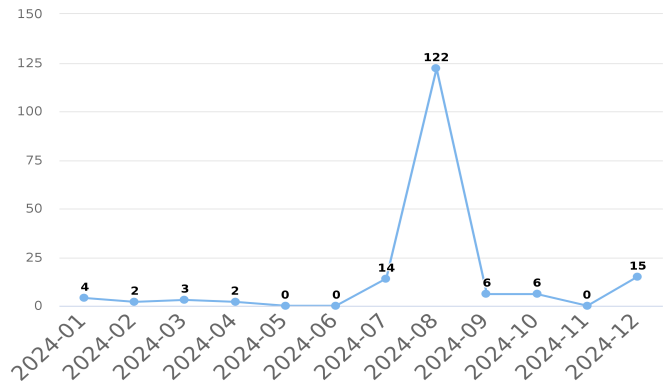
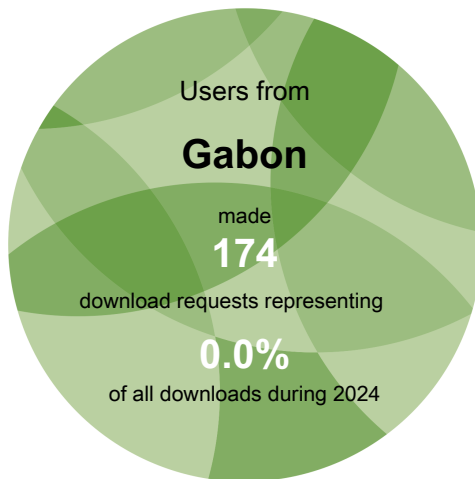


Number of records published by institutions in Gabon, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Gabon



Monthly downloads requested by users in Gabon

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

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 Gabon.

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

McQuade, Nguelet, Lilian Brice *et al.* (2024) Range Extension and Behavioural Observations of the Flat-Headed Cusimanse (*Crossarchus platycephalus*) in Gabon. *African Journal of Ecology*.
<https://doi.org/10.1111/aje.13332>

Hordijk, Bialic-Murphy, Lauber *et al.* (2024) Dominance and rarity in tree communities across the globe: Patterns, predictors and threats. *Global Ecology and Biogeography*.
<https://doi.org/10.1111/geb.13889>

Texier, Lachenaud, Boupoya *et al.* (2022) Characteristics and Determinants of Endemic Plant Taxa in the Gabonese Area of Endemism. *Annals of the Missouri Botanical Garden*.
<https://doi.org/10.3417/2022694>

Guidosse, Jardin, White *et al.* (2022) Gabon's green gold: a bibliographical review of thirty years of research on okoumé (*Aucoumea klaineana* Pierre). *BASE*.
<https://doi.org/10.25518/1780-4507.19458>

Cazzolla Gatti, Reich, Gamarra *et al.* (2022) The number of tree species on Earth. *Proceedings of the National Academy of Sciences*.
<https://doi.org/10.1073/pnas.2115329119>

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



Data availability

Total data available for selected taxonomic groups in Gabon



Mammals
13,720
occurrences



Birds
56,933
occurrences



Bony fish
43,409
occurrences



Amphibians
8,639
occurrences



Insects
96,959
occurrences



Reptiles
3,673
occurrences



Molluscs
1,869
occurrences



Arachnids
2,681
occurrences



Flowering plants
524,767
occurrences



Ferns
7,863
occurrences



Gymnosperms
398
occurrences



Mosses
2,560
occurrences



Sac fungi
14,989
occurrences



Basidiomycota
15,018
occurrences

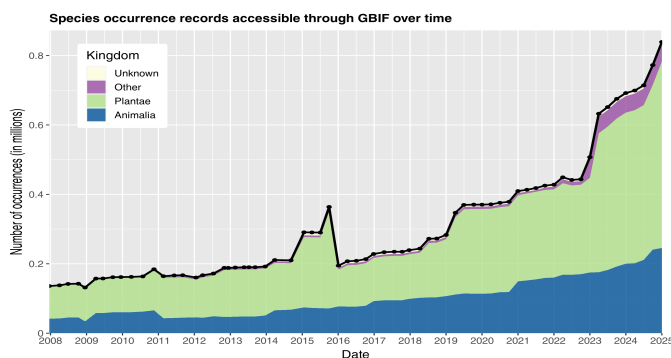
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

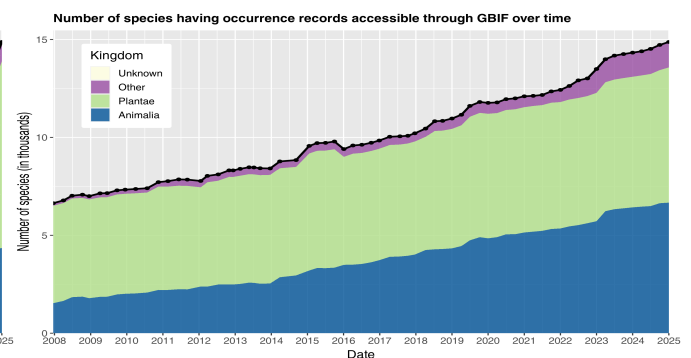
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Gabon



Occurrence records available about species occurring in Gabon



Species for which at least one occurrence record is available in Gabon

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 Gabon

Towards the invasion of wild and rural forested areas in Gabon (Central Africa) by the Asian tiger mosquito *Aedes albopictus*: potential risks from the One Health perspective. *Published by University of Science and Technology of Masuku*
<https://doi.org/10.15468/9nah25>

Gabon Biodiversity Collection - Aves. *Published by Smithsonian Gabon Biodiversity Program*
<https://doi.org/10.15468/vg84by>

Institut de Recherches Agronomiques et Forestières - Ichthyology Observations. *Published by Institut de Recherches Agronomiques et Forestières (IRAF)*
<https://doi.org/10.15468/hayczc>

Institut de Recherches Agronomiques et Forestières - Herpetology Observations. *Published by Institut de Recherches Agronomiques et Forestières (IRAF)*
<https://doi.org/10.15468/rck4nu>

Institut de Recherches Agronomiques et Forestières - Ichthyology. *Published by Institut de Recherches Agronomiques et Forestières (IRAF)*
<https://doi.org/10.15468/7j94sm>

Institut de Recherches Agronomiques et Forestières - Herpetology. *Published by Institut de Recherches Agronomiques et Forestières (IRAF)*
<https://doi.org/10.15468/fr2ahv>

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

Newest publishers from Gabon

Institut de Recherches Agronomiques et Forestières (IRAF)

University of Science and Technology of Masuku

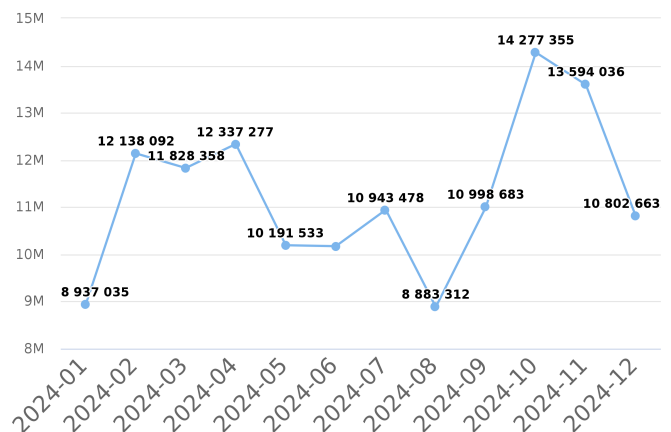
ECOLE NATIONALE DES EAUX ET FORETS (ENEF-GABON)

Smithsonian Gabon Biodiversity Program

Herbier National du Gabon

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

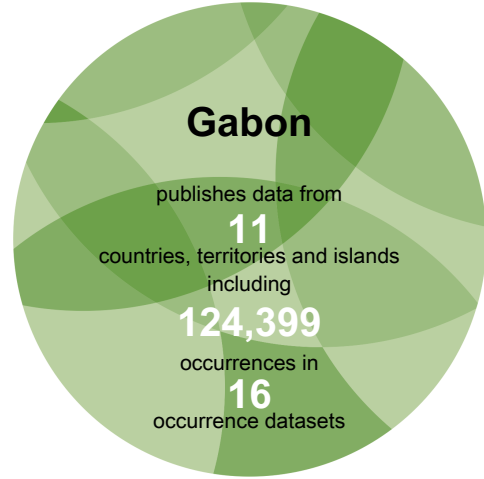
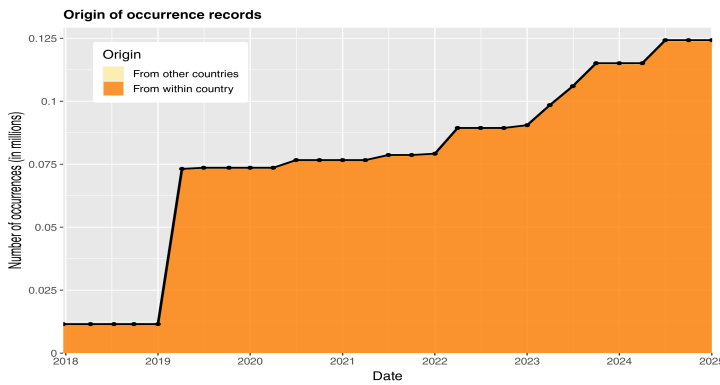
Occurrence records downloaded from GBIF.org, published by institutions in Gabon



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

Data mobilization

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



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Gabon

Rank	Country or area	No. of occurrences
1	United States of America	296,767
2	Gabon	123,894
3	Netherlands	84,526
4	International organization or unknown country	76,138
5	Estonia	50,897
6	Togo	39,720
7	Belgium	39,656
8	France	36,453
9	Sweden	35,478
10	United Kingdom	31,288

Top datasets contributing data about Gabon

- Tropicos Specimens Non-MO. *200,791 occurrences in Gabon.* (Last updated 4 Jan 2025)
- Naturalis Biodiversity Center (NL) - Botany. *81,219 occurrences in Gabon.* (Last updated 1 Nov 2024)
- International Barcode of Life project (iBOL). *75,911 occurrences in Gabon.* (Last updated 7 Aug 2024)
- Tropicos MO Specimen Data. *53,185 occurrences in Gabon.* (Last updated 4 Jan 2025)
- EOD – eBird Observation Dataset. *44,713 occurrences in Gabon.* (Last updated 27 Sep 2024)

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

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



Gabon participates in the following projects coordinated by GBIF

Mobilization and use of botanical data as decision-making tools in Gabon

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-AF2020-194-USE>

The Gabon Biodiversity Portal

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-AF2020-122-NAC>

Support for data collection of plant biodiversity in Gabon

BID: Biodiversity Information for Development, 2016–2018

This project will mobilize data on the plant diversity of Gabon.

<https://www.gbif.org/project/82715>

See all GBIF projects

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