

generated January 2026

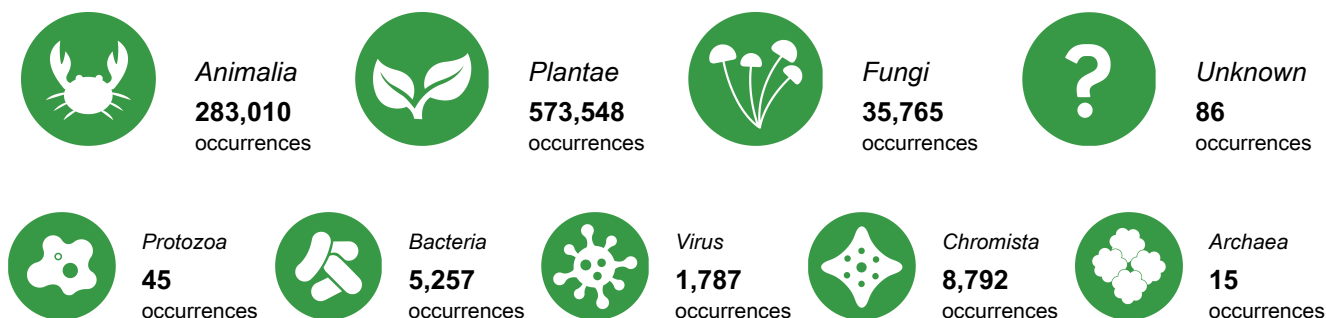
Gabon

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.

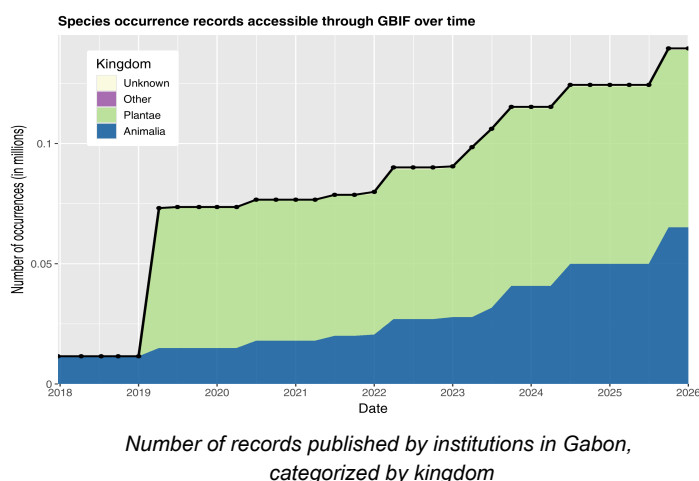
► Access and usage



► Data availability in Gabon



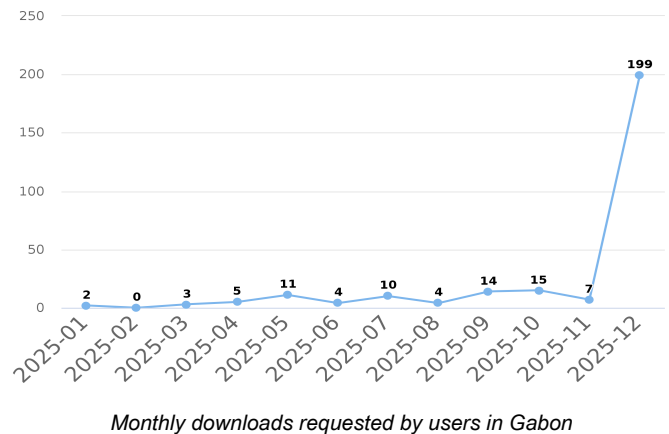
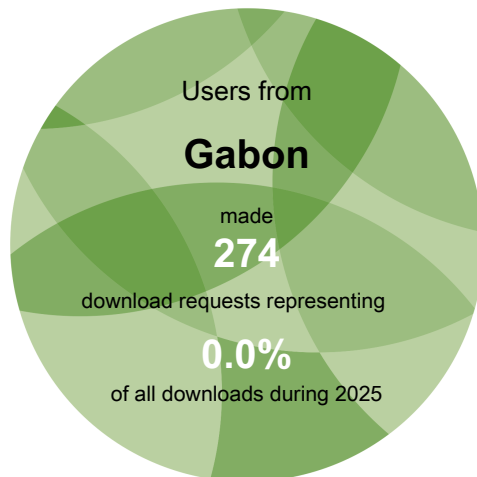
► Data mobilization





Access and usage

Data downloads on GBIF.org from 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.

Vlam, Boeschoten, van der Sleen *et al.* (2025) Evaluating the potential of oxygen isoscapes for tropical timber tracing. *Forest Ecology and Management*.
<https://doi.org/10.1016/j.foreco.2025.122757>

Baker, Adu-Bredu, Affum-Baffoe *et al.* (2025) Large range sizes link fast life histories with high species richness across wet tropical tree floras. *Scientific Reports*.
<https://doi.org/10.1038/s41598-024-84367-3>

McQuade, Nguet, 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>

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
14,304
occurrences



Birds
75,384
occurrences



Bony fish
44,169
occurrences



Amphibians
8,713
occurrences



Insects
109,465
occurrences



Reptiles
4,026
occurrences



Molluscs
1,944
occurrences



Arachnids
3,994
occurrences



Flowering plants
558,950
occurrences



Ferns
8,555
occurrences



Gymnosperms
420
occurrences



Mosses
2,624
occurrences



Sac fungi
15,023
occurrences



Basidiomycota
15,380
occurrences

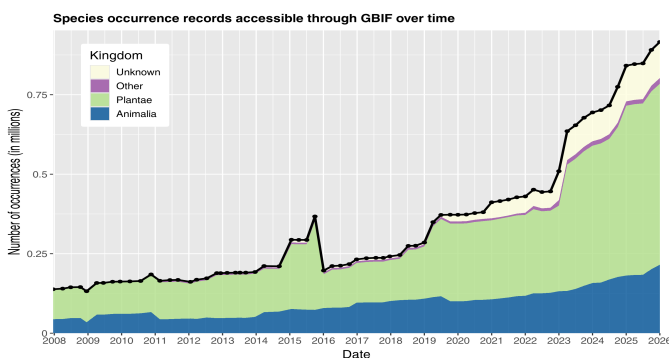
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

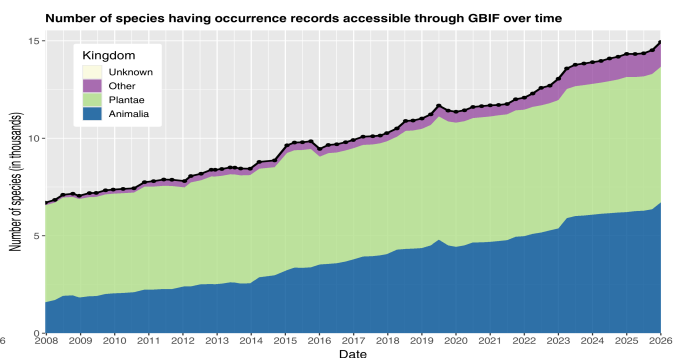
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

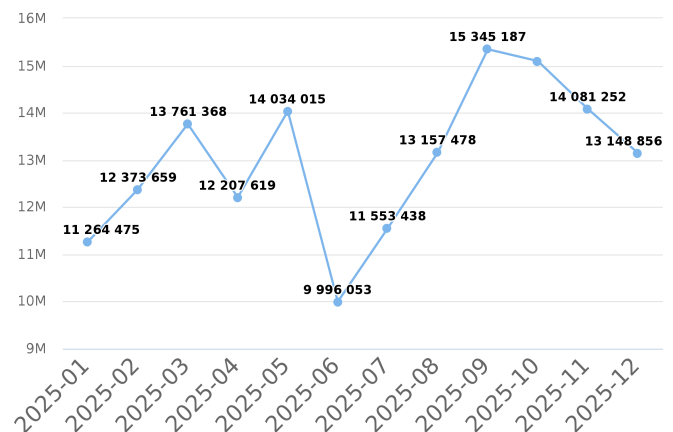
ECOLE NATIONALE DES EAUX ET FORETS (ENEF-GABON)

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

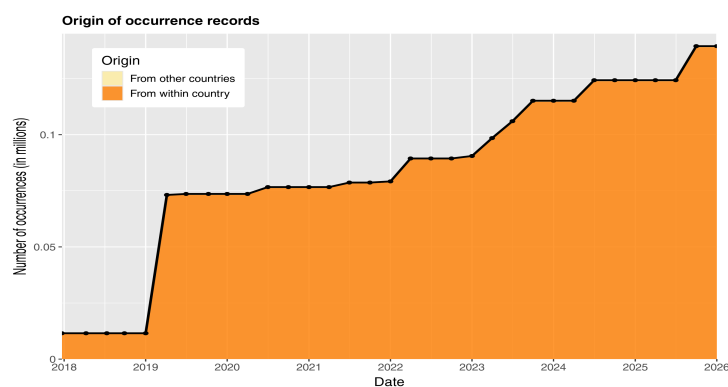


Number of occurrence records downloaded via
GBIF.org published by institutions in Gabon

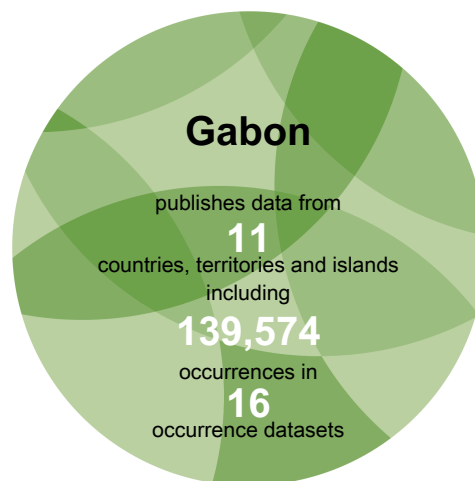


Data mobilization

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	330,125
2	Gabon	139,069
3	International organization or unknown country	88,905
4	Netherlands	84,687
5	Estonia	50,915
6	Belgium	46,071
7	Togo	39,720
8	France	36,869
9	United Kingdom	35,878
10	Sweden	35,701

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

Top datasets contributing data about Gabon

- Tropicos Specimens Non-MO. *218,616 occurrences in Gabon.* (Last updated 31 Dec 2025)
- International Barcode of Life project (iBOL). *88,595 occurrences in Gabon.* (Last updated 28 Nov 2025)
- Naturalis Biodiversity Center (NL) - Botany. *81,252 occurrences in Gabon.* (Last updated 23 Oct 2025)
- Tropicos MO Specimen Data. *63,821 occurrences in Gabon.* (Last updated 31 Dec 2025)
- EOD – eBird Observation Dataset. *59,888 occurrences in Gabon.* (Last updated 29 Oct 2025)

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)