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

Researchers from Gabon contributed to 0 peer-reviewed articles citing GBIF use during 2023 and a total of 4 articles since 2008.

▶ Data availability in Gabon

<table>
<thead>
<tr>
<th>Kingdom</th>
<th>Occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animalia</td>
<td>202,514</td>
</tr>
<tr>
<td>Plantae</td>
<td>437,789</td>
</tr>
<tr>
<td>Fungi</td>
<td>35,027</td>
</tr>
<tr>
<td>Unknown</td>
<td>8,815</td>
</tr>
<tr>
<td>Protozoa</td>
<td>44</td>
</tr>
<tr>
<td>Bacteria</td>
<td>5,259</td>
</tr>
<tr>
<td>Virus</td>
<td>1,787</td>
</tr>
<tr>
<td>Chromista</td>
<td>5,489</td>
</tr>
<tr>
<td>Archaea</td>
<td>14</td>
</tr>
</tbody>
</table>

▶ Data mobilization

Institutions from Gabon published 24,737 new occurrence records during 2023 out of a total of 355,993,458 occurrence records added globally to GBIF.org.
Access and usage

Data downloads on GBIF.org from users in Gabon

Users from Gabon made 55 download requests representing 0.0% of all downloads during 2023.

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.

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**: 12,887 occurrences
- **Birds**: 46,134 occurrences
- **Bony fish**: 43,034 occurrences
- **Amphibians**: 6,533 occurrences
- **Insects**: 67,183 occurrences
- **Reptiles**: 3,537 occurrences
- **Molluscs**: 1,802 occurrences
- **Arachnids**: 2,240 occurrences
- **Flowering plants**: 425,307 occurrences
- **Ferns**: 6,827 occurrences
- **Gymnosperms**: 389 occurrences
- **Mosses**: 2,511 occurrences
- **Sac fungi**: 14,898 occurrences
- **Basidiomycota**: 14,765 occurrences

**Change over time in records about biodiversity 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

See 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

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.

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Top data contributors about biodiversity in Gabon

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>United States of America</td>
<td>204,499</td>
</tr>
<tr>
<td>2</td>
<td>Gabon</td>
<td>114,743</td>
</tr>
<tr>
<td>3</td>
<td>Netherlands</td>
<td>82,307</td>
</tr>
<tr>
<td>4</td>
<td>Estonia</td>
<td>50,788</td>
</tr>
<tr>
<td>5</td>
<td>International organization or unknown country</td>
<td>47,411</td>
</tr>
<tr>
<td>6</td>
<td>Togo</td>
<td>39,076</td>
</tr>
<tr>
<td>7</td>
<td>Belgium</td>
<td>38,822</td>
</tr>
<tr>
<td>8</td>
<td>Sweden</td>
<td>35,419</td>
</tr>
<tr>
<td>9</td>
<td>France</td>
<td>34,837</td>
</tr>
<tr>
<td>10</td>
<td>United Kingdom</td>
<td>21,107</td>
</tr>
</tbody>
</table>

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

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

Top datasets contributing data about Gabon

- Tropicos Specimens Non-MO. 131,538 occurrences in Gabon. (Last updated 3 Jan 2024)
- Naturalis Biodiversity Center (NL) - Botany. 79,694 occurrences in Gabon. (Last updated 12 Dec 2023)
- International Barcode of Life project (iBOL). 47,184 occurrences in Gabon. (Last updated 2 Jan 2024)
- Global soil organisms. 43,367 occurrences in Gabon. (Last updated 27 Feb 2023)
- Herbier National du Gabon. 41,569 occurrences in Gabon. (Last updated 12 Jun 2019)
Gabon participates in the following projects coordinated by GBIF

The Gabon Biodiversity Portal
*BID: Biodiversity Information for Development, 2021–2023*
https://www.gbif.org/project/BID-AF2020-122-NAC

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

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