

generated January 2025

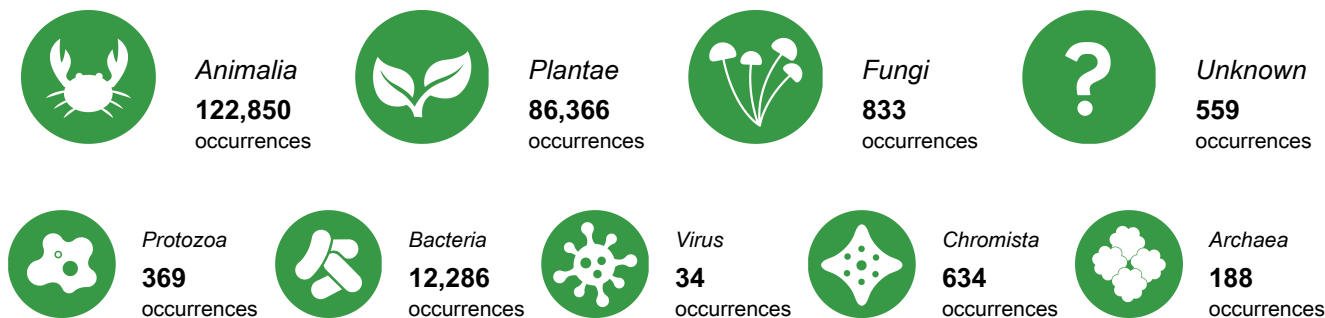
Liberia

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 Liberia. 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.

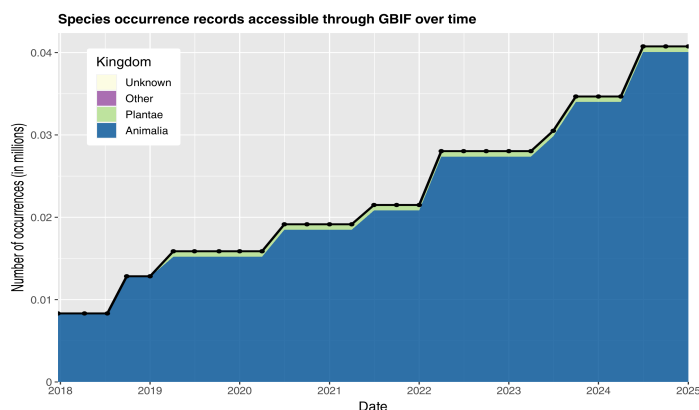
► Access and usage



► Data availability in Liberia



► Data mobilization

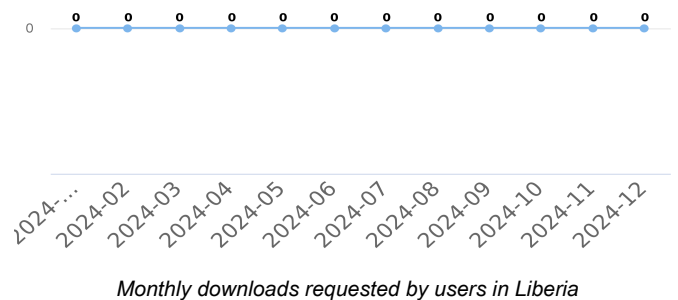
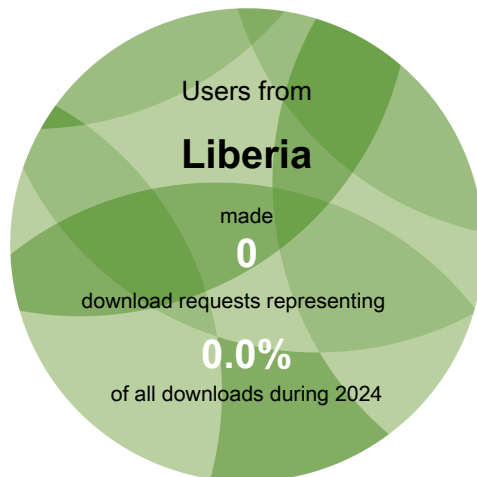


Number of records published by institutions in Liberia,
categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Liberia



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

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 Liberia.

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

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>

Flanders, Frick, Nziza *et al.* (2022) Rediscovery of the critically endangered Hill's horseshoe bat (*Rhinolophus hilli*) and other new records of bat species in Rwanda. *Biodiversity Data Journal*.
<https://doi.org/10.3897/bdj.10.e83546>

Barshep, Elisha, Manu *et al.* (2023) Diversity, abundance, and conservation status of woody species in a West African dry forest. *Conservation Science and Practice*.
<https://doi.org/10.1111/csp2.12888>

Rödel, Kucharzewski, Mahlow *et al.* (2019) A new stiletto snake (Lamprophiidae, Atractaspidae, Atractaspis) from Liberia and Guinea, West Africa. *Zoosystematics and Evolution*.
<https://doi.org/10.3897/zse.95.31488>

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



Data availability

Total data available for selected taxonomic groups in Liberia



Mammals
11,773
occurrences



Birds
46,881
occurrences



Bony fish
21,539
occurrences



Amphibians
9,342
occurrences



Insects
17,173
occurrences



Reptiles
2,720
occurrences



Molluscs
3,632
occurrences



Arachnids
540
occurrences



Flowering plants
81,280
occurrences



Ferns
3,273
occurrences



Gymnosperms
2
occurrences



Mosses
336
occurrences



Sac fungi
422
occurrences



Basidiomycota
395
occurrences

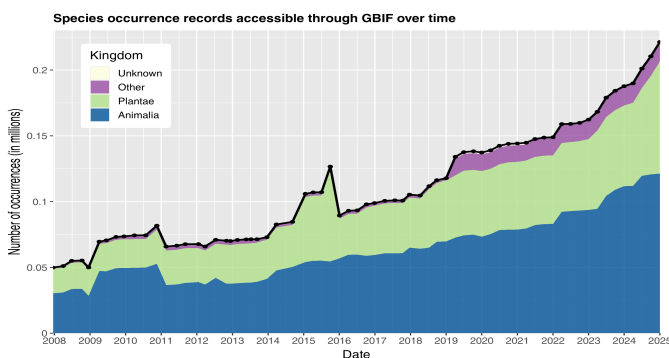
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

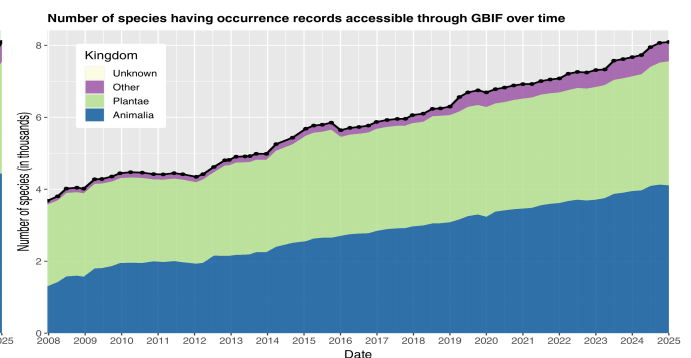
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Liberia



Occurrence records available about species occurring in Liberia



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

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 Liberia

Bird Survey Data from Nimba. *Published by University of Liberia*

<https://doi.org/10.15468/cp59qq>

Bird survey data from Grand Kru Liberia. *Published by University of Liberia*

<https://doi.org/10.15468/vxu44b>

Bird survey data from Lake Piso Liberia. *Published by University of Liberia*

<https://doi.org/10.15468/2vbx4>

Bird Survey Data from Rivercess. *Published by University of Liberia*

<https://doi.org/10.15468/z2xqpf>

Environmental Impact Assessment Bird Data Bong Liberia. *Published by University of Liberia*

<https://doi.org/10.15468/cs6mdh>

Hydroelectric Environmental Impact Assessment Bird Data for Mount Coffee. *Published by University of Liberia*

<https://doi.org/10.15468/pfp3bk>

National forests rapid biological assessment Liberia 2002/03. *Published by Forestry Development Authority*

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

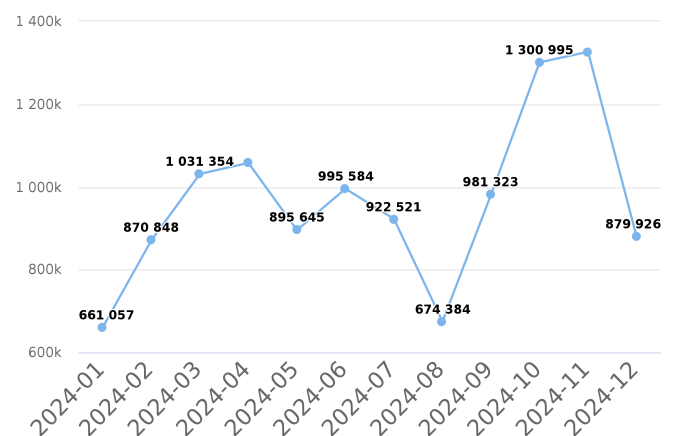
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=LR

Newest publishers from Liberia

University of Liberia

Forestry Development Authority

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



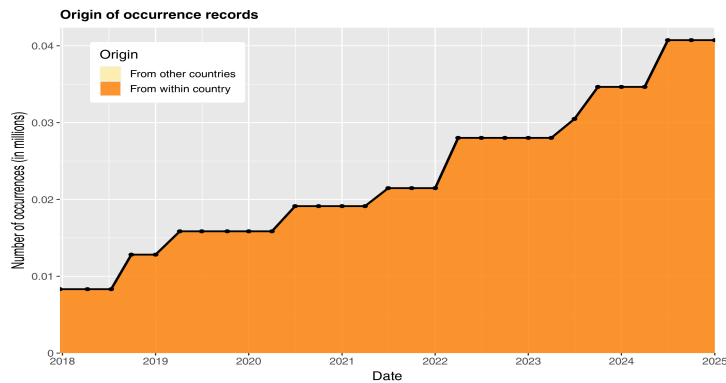
See all publishers from this country or area
gbif.org/publisher/search?country=LR

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

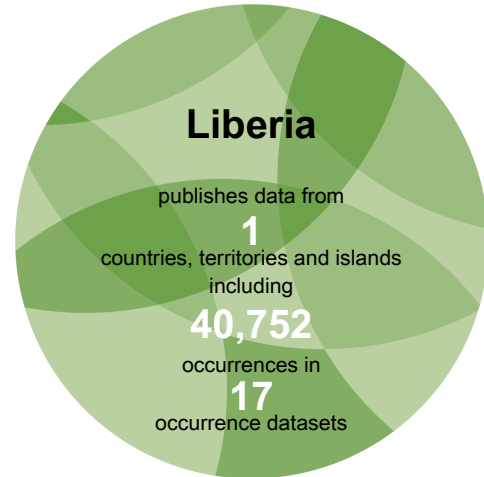


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Liberia

Rank	Country or area	No. of occurrences
1	United States of America	50,031
2	Liberia	40,752
3	United Kingdom	32,282
4	Netherlands	28,503
5	Sweden	24,731
6	Belgium	11,334
7	France	10,113
8	International organization or unknown country	6,219
9	South Africa	6,122
10	Colombia	5,422

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

Top datasets contributing data about Liberia

EOD – eBird Observation Dataset. 32,421 occurrences in Liberia. (Last updated 27 Sep 2024)

FishBase Database. 24,162 occurrences in Liberia. (Last updated 23 Mar 2023)

Naturalis Biodiversity Center (NL) - Botany. 21,738 occurrences in Liberia. (Last updated 1 Nov 2024)

Comparative 16S analysis of hydrothermal vent samples from the Mid-Atlantic Ridge (MAR). 12,636 occurrences in Liberia. (Last updated 19 Feb 2020)

Tropicos Specimens Non-MO. 12,059 occurrences in Liberia. (Last updated 4 Jan 2025)

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



Liberia participates in the following projects coordinated by GBIF

Building Capacity for Biodiversity Data Mobilization and Conservation in Liberia

BID: Biodiversity Information for Development, 2017–2019

This project will enhance national capacity for biodiversity data mobilization, processing, management and publishing; provide high-quality occurrence and distribution data for fauna and flora species of global conservation concern occurring in Liberia; and comprehensive checklists of key fauna and flora species of global conservation concern occurring in the country, data sources, and users.

<https://www.gbif.org/project/2FbcNn7o2c08W4m2ywUAQi>

Enhancing capacity to mobilize and use biodiversity data to support sustainable development in West Africa

Capacity Enhancement Support Programme, 2020–2023

The overall goal of this project is to enhance capacity for biodiversity data mobilization and development of information products in support of sustainable development in West Africa

<https://www.gbif.org/project/lmAtw3uVGvPjrpYHAXvD>

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