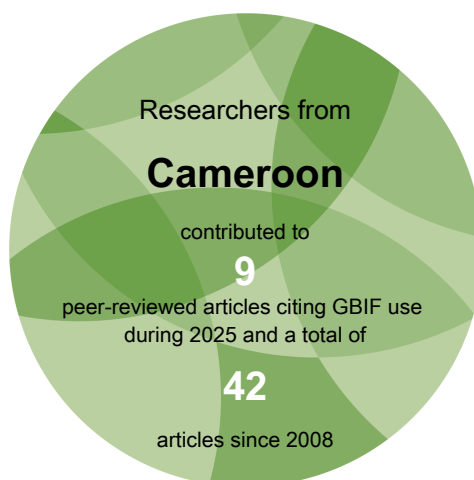


generated January 2026

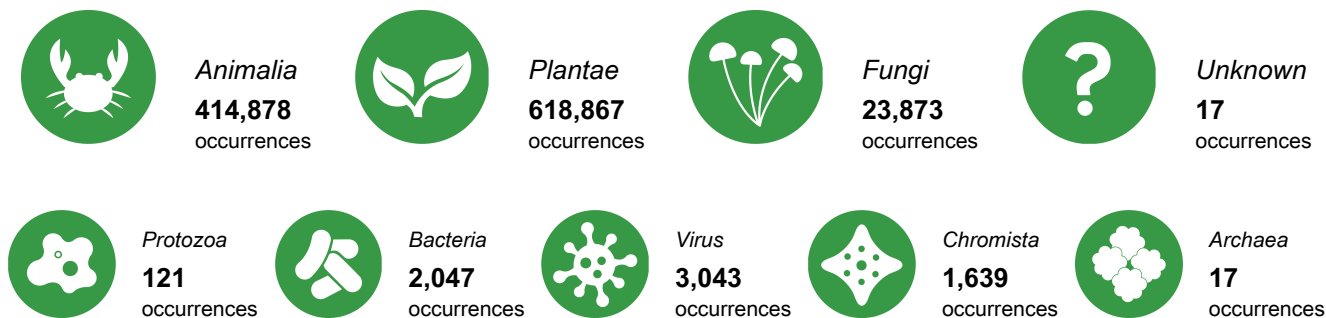
Cameroon

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 Cameroon. 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.

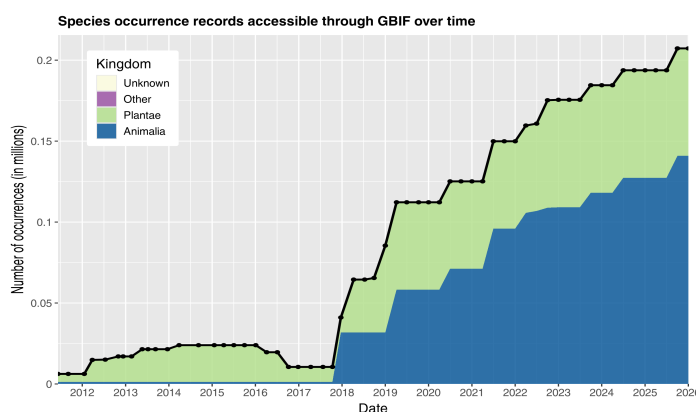
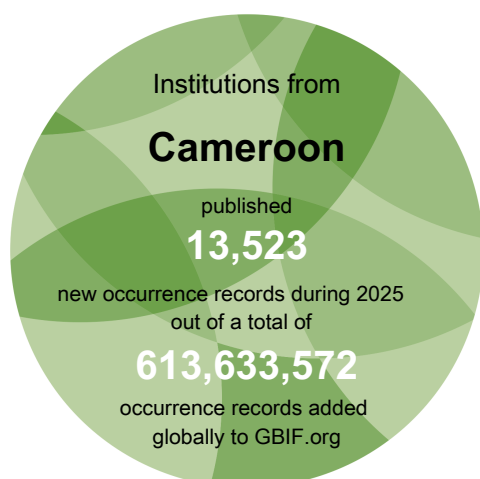
► Access and usage



► Data availability in Cameroon



► Data mobilization

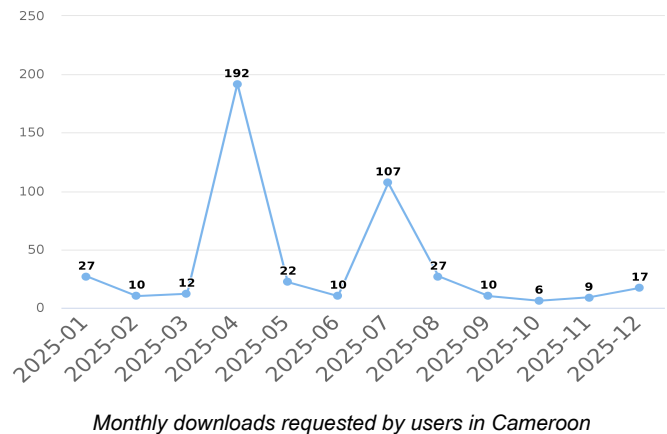
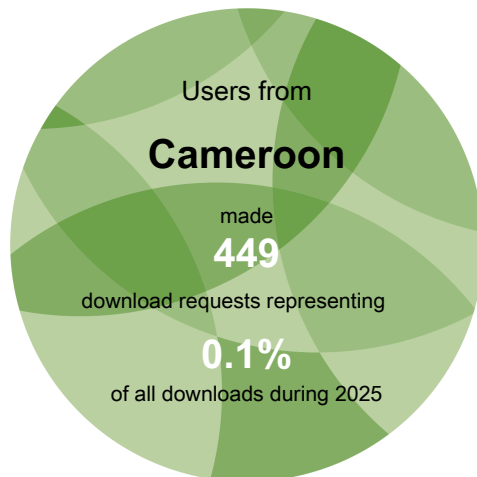


Number of records published by institutions in Cameroon, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Cameroon



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

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 Cameroon.

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

Ouaba, Meutchieye, Agboka *et al.* (2025) Diversity and bio-ecology of edible caterpillars in the bimodal rainforest of Cameroon. *Journal of Insects as Food and Feed*.
<https://doi.org/10.1163/23524588-bja10231>

Lézine, Achoundong, Tchiengué. (2025) Vulnerability of montane forests of Cameroon in the face of climate change: Insight from the last glacial-interglacial transition. *Quaternary Science Reviews*.
<https://doi.org/10.1016/j.quascirev.2025.109410>

Ranavat, Sergeant, Assumani *et al.* (2025) Mid-Pleistocene origin and phylogeographical signatures of recurrent expansion-fragmentation of a highly inbred and endangered African timber legume. *Botanical Journal of the Linnean Society*.
<https://doi.org/10.1093/botlinnean/boaf033>

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>

Waheed, Arshad, Sadia *et al.* (2025) From Ecological Niche to Conservation Planning; Climate-Driven Range Dynamics of *Ephedra intermedia* in Central Asia. *Ecology and Evolution*.
<https://doi.org/10.1002/ece3.71127>

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



Data availability

Total data available for selected taxonomic groups in Cameroon



Mammals
18,733
occurrences



Birds
160,688
occurrences



Bony fish
39,868
occurrences



Amphibians
32,162
occurrences



Insects
99,219
occurrences



Reptiles
20,397
occurrences



Molluscs
3,546
occurrences



Arachnids
10,502
occurrences



Flowering plants
593,663
occurrences



Ferns
15,013
occurrences



Gymnosperms
527
occurrences



Mosses
5,307
occurrences



Sac fungi
9,429
occurrences



Basidiomycota
12,551
occurrences

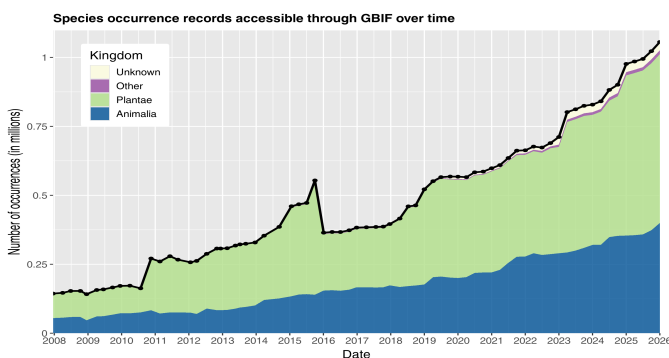
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

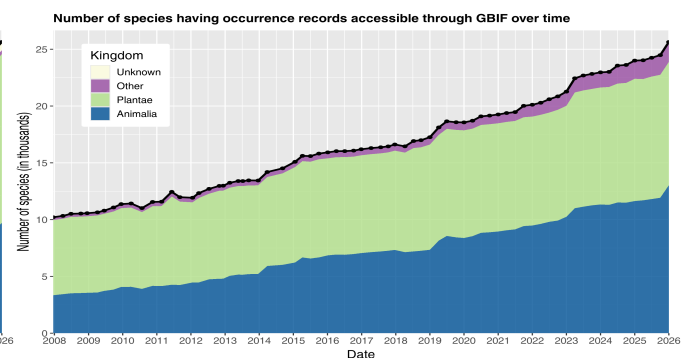
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Cameroon



Occurrence records available about species occurring in Cameroon



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

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 Cameroon

Bycaught sea turtles in southsern coasline of Cameroon. *Published by RASTOMA: Réseau des Acteurs et professionnels de la Sauvegarde des Tortues Marines en Afrique Centrale*
<https://doi.org/10.15468/jqz4rr>

saison de pontes 2018-2019 sud Cameroun. *Published by RASTOMA: Réseau des Acteurs et professionnels de la Sauvegarde des Tortues Marines en Afrique Centrale*
<https://doi.org/10.15468/rcvtke>

Données d'occurrence des espèces animales et végétales identifiées sur certains sites de reboisement dans le région de l'Extrême-Nord du Cameroun. *Published by GBIF Cameroon*
<https://doi.org/10.15468/qtfdez>

Données d'observations des capture accidentelles de tortues marines sur la cote sud camerounaise. *Published by RASTOMA: Réseau des Acteurs et professionnels de la Sauvegarde des Tortues Marines en Afrique Centrale*
<https://doi.org/10.15468/cj7v5r>

Diversité de la faune aviaire dans la Réserve Forestière de Kalfou et sa zone périphérique, Extrême-Nord, Cameroun. *Published by University of Maroua*
<https://doi.org/10.15468/x7749v>

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

Newest publishers from Cameroon

RASTOMA: Réseau des Acteurs et professionnels de la Sauvegarde des Tortues Marines en Afrique Centrale

University of Maroua

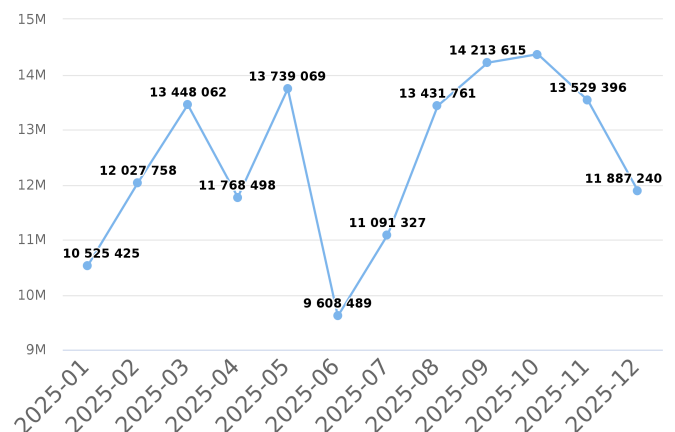
IUCN, Cameroon

International Institute of Tropical Agriculture

Faculty of Science, University of Douala

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

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

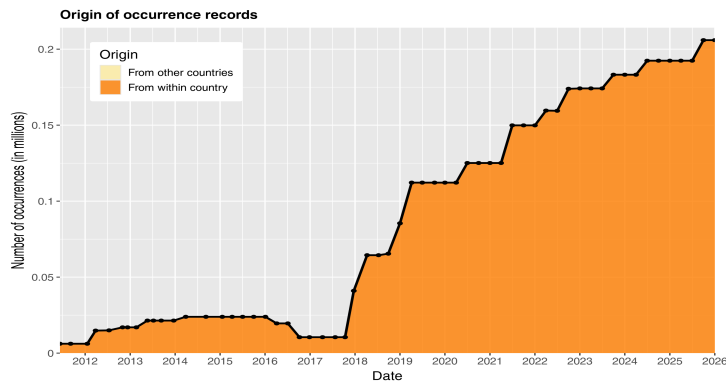


Number of occurrence records downloaded via GBIF.org published by institutions in Cameroon

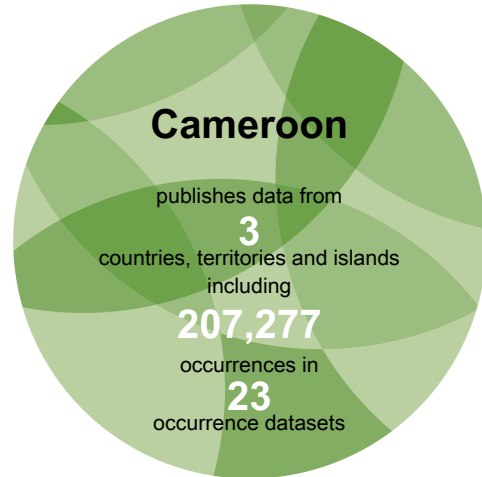


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Cameroon

Rank	Country or area	No. of occurrences
1	United States of America	221,587
2	Cameroon	205,890
3	United Kingdom	109,268
4	Netherlands	94,454
5	France	81,666
6	Belgium	69,054
7	Togo	65,588
8	International organization or unknown country	44,882
9	Sweden	41,766
10	Germany	27,980

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

Top datasets contributing data about Cameroon

EOD – eBird Observation Dataset. 127,978 occurrences in Cameroon. (Last updated 29 Oct 2025)

Naturalis Biodiversity Center (NL) - Botany. 87,751 occurrences in Cameroon. (Last updated 23 Oct 2025)

Tropicos Specimens Non-MO. 85,286 occurrences in Cameroon. (Last updated 31 Dec 2025)

Royal Botanic Gardens, Kew - Herbarium Specimens. 77,488 occurrences in Cameroon. (Last updated 2 Jan 2026)

Collections des Herbiers d'Afrique de l'Ouest et d'Afrique Centrale. 65,586 occurrences in Cameroon. (Last updated 9 Dec 2024)

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



Cameroon participates in the following projects coordinated by GBIF

Mentoring of GBIF Cameroon by GBIF Benin and GBIF France

Capacity Enhancement Support Programme, 2021–2022

<https://www.gbif.org/project/CESP2021-002>

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>

Enhancing the capacity of civil societies for creating a unified marine turtle database in Cameroon

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-AF2020-138-INS>

Mobilization of diversity data on bees in Cameroon

BID: Biodiversity Information for Development, 2016–2017

This project increases availability of data on the diversity of bee species in Cameroon and contributes to the sustainable development the country's beekeeping sector.

<https://www.gbif.org/project/82643>

Developing an Accessible Biodiversity Information System for Sustainable Development in Cameroon

BID: Biodiversity Information for Development, 2017–2019

Cameroon is known as a biodiversity rich country in Africa, and efforts are made by the government to maintain this situation, and reduce the on-going loss and degradation of species and ecosystems. Yet, these efforts have been hindered by the low accessibility of the existing biodiversity-related information by all actors in the country. This project aims at improving access to accurate information in a view to enhance the mainstreaming of biodiversity into conservation and development planning, and strengthen the country's contribution to the global biodiversity information facility.

<https://www.gbif.org/project/4ncbmVRvyUImEmU0YcSyci>

Mobilization of biodiversity data related to protected areas and threatened species in Western Cameroon

BID: Biodiversity Information for Development, 2017–2019

Western Cameroon is the nucleus of a global biodiversity hotspot, with numerous endemic and threatened plant and animal species. Although Cameroon has established several protected areas in the region, this process has taken place in the absence of data-driven prioritization analyses for lack of biodiversity data resources on which to base decision-making.

This project aims to bolster efforts, assemble a representative and comprehensive database for the plants of the region, with which to characterize and document their endemism and threatened status.

<https://www.gbif.org/project/3lwfw8lXywYoYkagIlloMS>

Data mobilization for crop protection against native and invasive pest species for sustainable agricultural production in Cameroon

BID: Biodiversity Information for Development, 2017–2019

This project is to mobilize biodiversity information embedded on specimens in three agricultural insect collections in Cameroon – (1) at the Institute of Agricultural Research for Development (IRAD), (2) at the International Institute of Tropical Agriculture (IITA) and Congo Basin Institute (CBI) in Yaoundé, (3) newly established Insect collection at the University of Douala (UDL) and from associated literature to make it publicly available and help in the management of native and introduced pests in Cameroon.

The information produce will contribute to the promptly management of these insect pests by crop protection specialists from the Ministry of Agriculture and Rural development

<https://www.gbif.org/project/458mT6BTvmEEk4G2Y4MsMU>

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