

generated January 2026

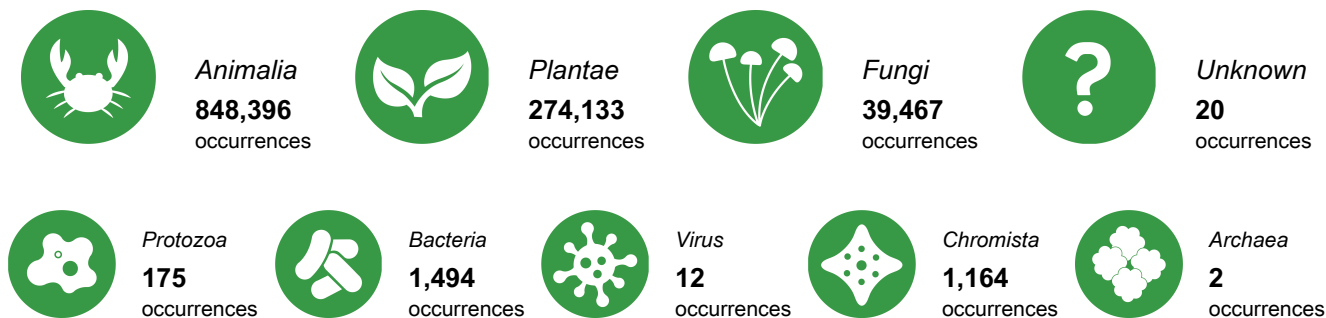
Guyana

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 Guyana. 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.

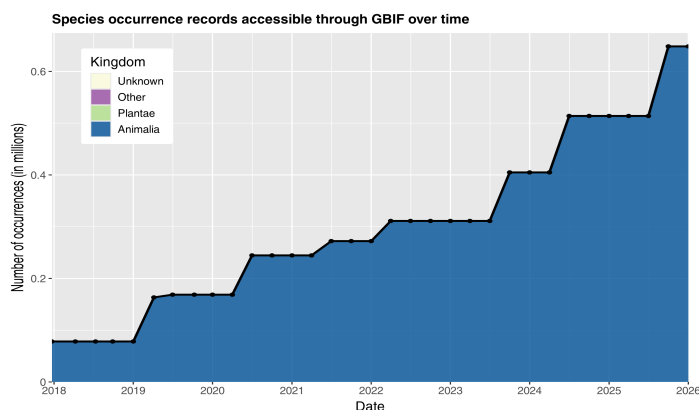
► Access and usage



► Data availability in Guyana



► Data mobilization

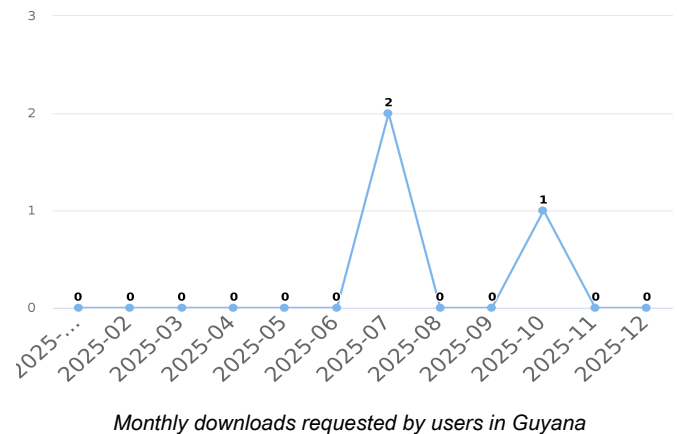
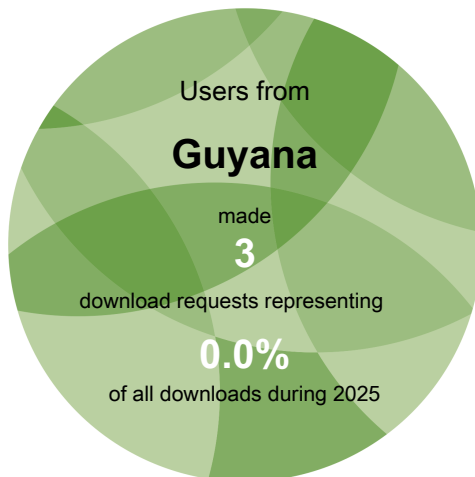


Number of records published by institutions in Guyana, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Guyana



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

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 Guyana.

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

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>

Correa, Coronado-Franco, Jézéquel *et al.* (2025) Floodplain forests drive fruit-eating fish diversity at the Amazon Basin-scale. *Proceedings of the National Academy of Sciences*.
<https://doi.org/10.1073/pnas.2414416122>

Bicknell, Collins, Pickles *et al.* (2017) Designing protected area networks that translate international conservation commitments into national action. *Biological Conservation*.
<https://doi.org/10.1016/j.biocon.2017.08.024>

Gomes, IJff, Raes *et al.* (2018) Species Distribution Modelling: Contrasting presence-only models with plot abundance data. *Scientific Reports*.
<https://doi.org/10.1038/s41598-017-18927-1>

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



Data availability

Total data available for selected taxonomic groups in Guyana



Mammals
42,272
occurrences



Birds
686,210
occurrences



Bony fish
34,336
occurrences



Amphibians
12,840
occurrences



Insects
56,141
occurrences



Reptiles
8,665
occurrences



Molluscs
2,203
occurrences



Arachnids
1,058
occurrences



Flowering plants
245,516
occurrences



Ferns
18,619
occurrences



Gymnosperms
221
occurrences



Mosses
3,696
occurrences



Sac fungi
24,172
occurrences



Basidiomycota
11,319
occurrences

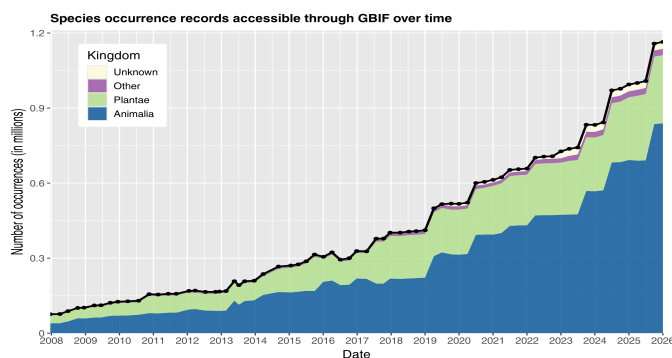
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

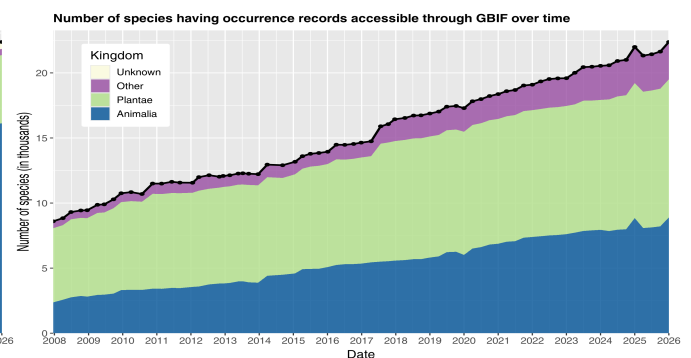
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Guyana



Occurrence records available about species occurring in Guyana



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

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 Guyana

Mammals of Iwokrama Rainforest. *Published by Environmental Protection Agency*

<https://doi.org/10.15468/g1rt5y>

Butterflies of the Rupununi. *Published by Environmental Protection Agency*

<https://doi.org/10.15468/byuux3>

Butterflies of the North Rupununi. *Published by Environmental Protection Agency*

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

Reptiles and Amphibians of Iwokrama Rainforest. *Published by Environmental Protection Agency*

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

Plants of Iwokrama Rainforest. *Published by Environmental Protection Agency*

<https://doi.org/10.15468/emzr6k>

Freshwater Fishes of Iwokrama Rainforest. *Published by Environmental Protection Agency*

<https://doi.org/10.15468/cic8c0>

Freshwater Fishes of Guyana. *Published by Environmental Protection Agency*

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

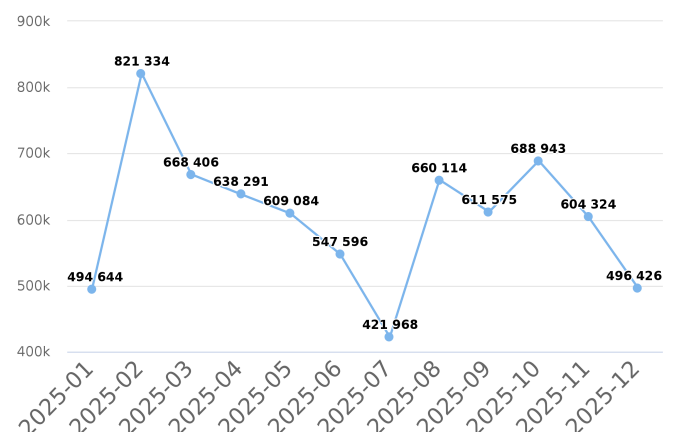
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=GY

Newest publishers from Guyana

Environmental Protection Agency

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

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

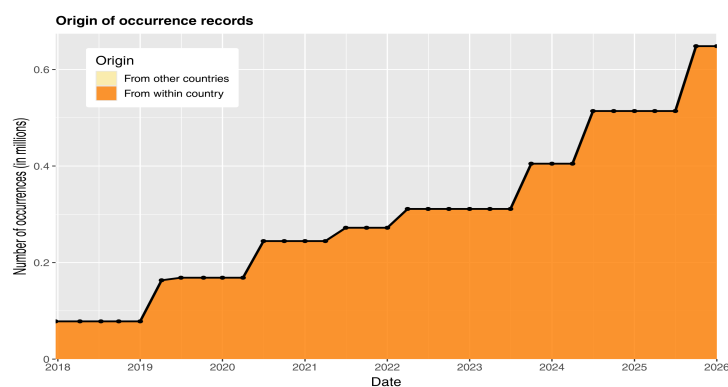


Number of occurrence records downloaded via
GBIF.org published by institutions in Guyana

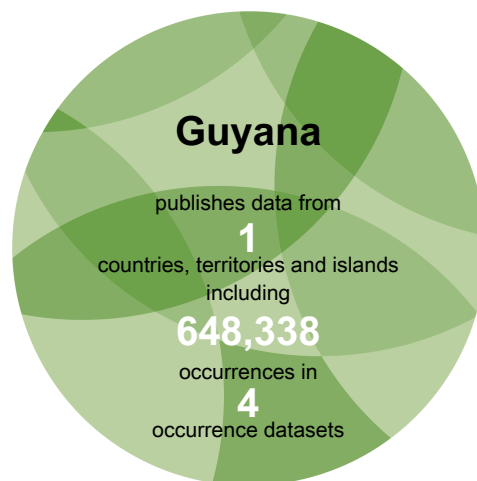


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Guyana

Rank	Country or area	No. of occurrences
1	Guyana	648,338
2	United States of America	276,027
3	United Kingdom	82,370
4	Canada	36,322
5	Netherlands	35,070
6	Estonia	19,868
7	Germany	13,716
8	Brazil	12,694
9	International organization or unknown country	10,158
10	France	9,044

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

Top datasets contributing data about Guyana

EOD – eBird Observation Dataset. *641,551 occurrences in Guyana.* (Last updated 29 Oct 2025)

NMNH Extant Specimen Records (USNM, US). *93,791 occurrences in Guyana.* (Last updated 2 Jan 2026)

Royal Botanic Gardens, Kew - Herbarium Specimens. *54,230 occurrences in Guyana.* (Last updated 2 Jan 2026)

Naturalis Biodiversity Center (NL) - Botany. *31,591 occurrences in Guyana.* (Last updated 23 Oct 2025)

Snow Entomological Museum Collection. *24,275 occurrences in Guyana.* (Last updated 2 Jan 2026)

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



Guyana participates in the following projects coordinated by GBIF

Enhancing Guyana's national biodiversity information system database

BID: Biodiversity Information for Development, 2017–2018

This project seeks to strengthen the management of biodiversity data and improve its accessibility in Guyana.

<https://www.gbif.org/project/83251>

See all GBIF projects

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