



generated January 2025

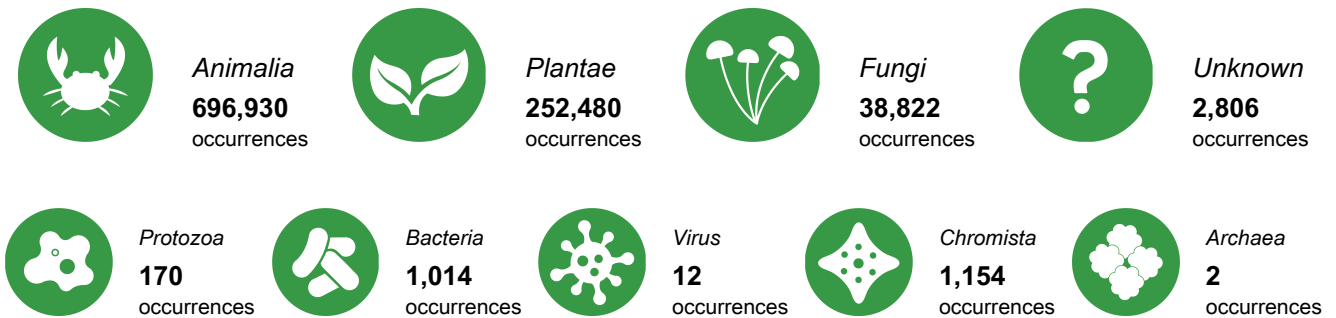
## Guyana

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.

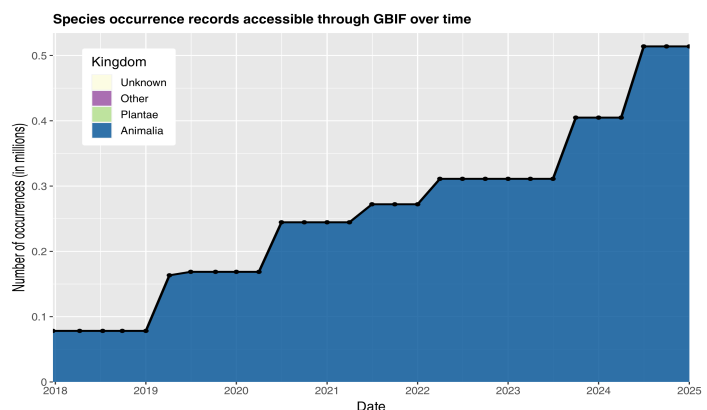
### ► Access and usage



### ► Data availability in Guyana



### ► Data mobilization

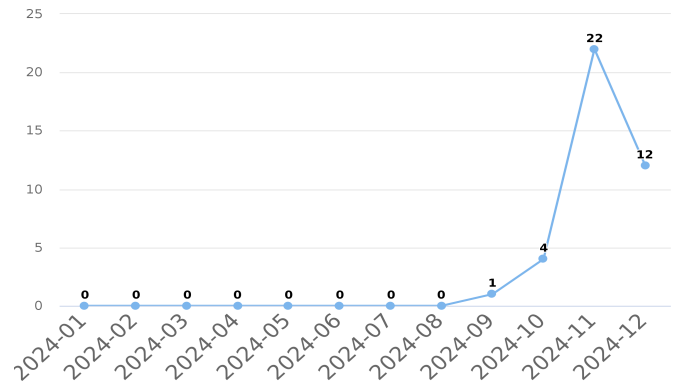
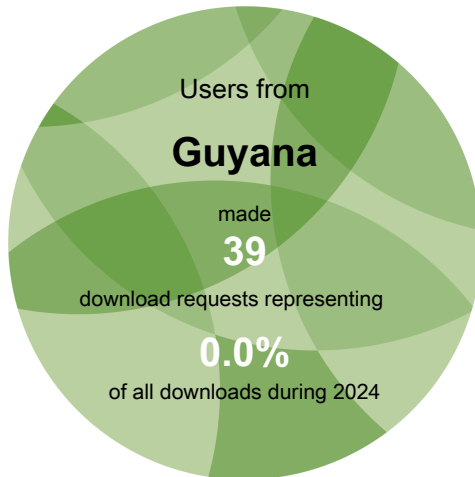


Number of records published by institutions in Guyana, categorized by kingdom



## Access and usage

### Data downloads on GBIF.org from users in Guyana



Monthly downloads requested by 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](mailto:comms@gbif.org).

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>

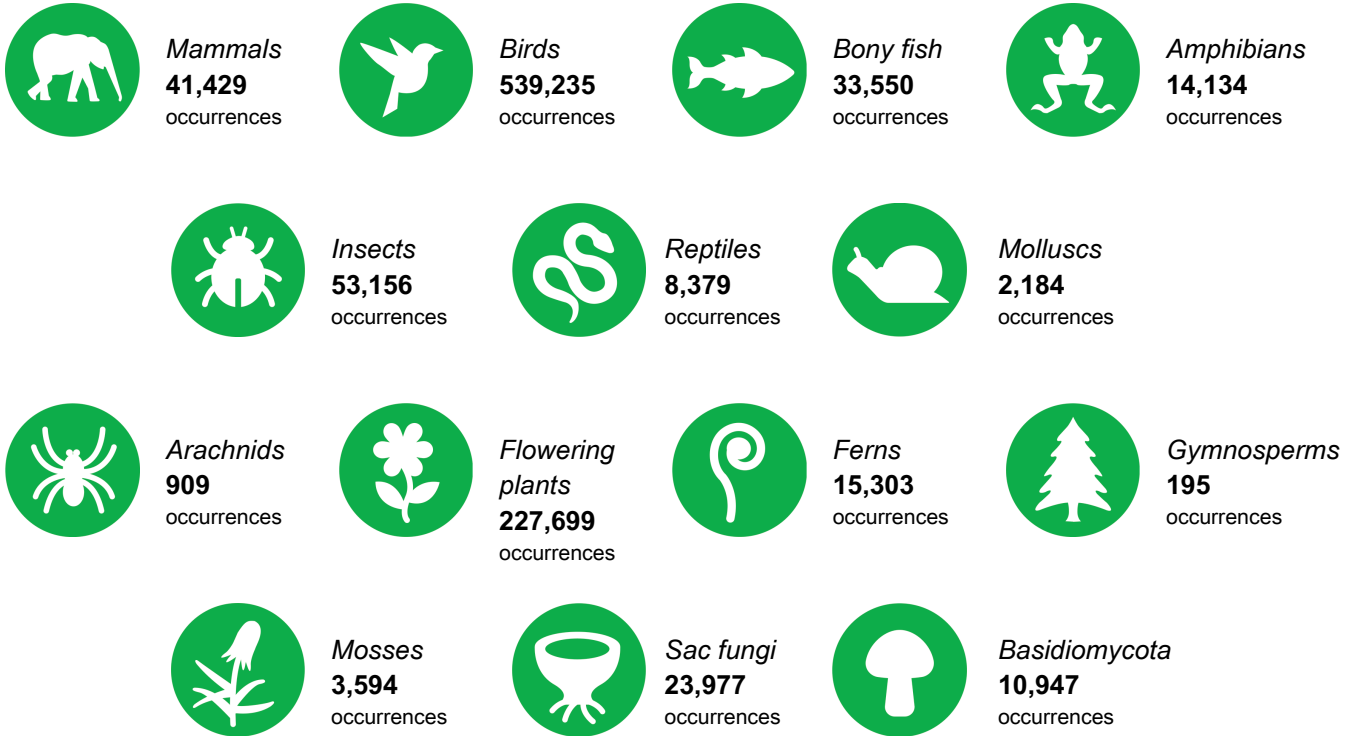
Gomes, IJff, Raes *et al.* (2018) Species Distribution Modelling: Contrasting presence-only models with plot abundance data. *Scientific Reports*.  
<https://doi.org/10.1038/s41598-017-18927-1>

See all research from this country or area  
[gbif.org/country/GY/publications/from](https://gbif.org/country/GY/publications/from)



## Data availability

### Total data available for selected taxonomic groups in Guyana



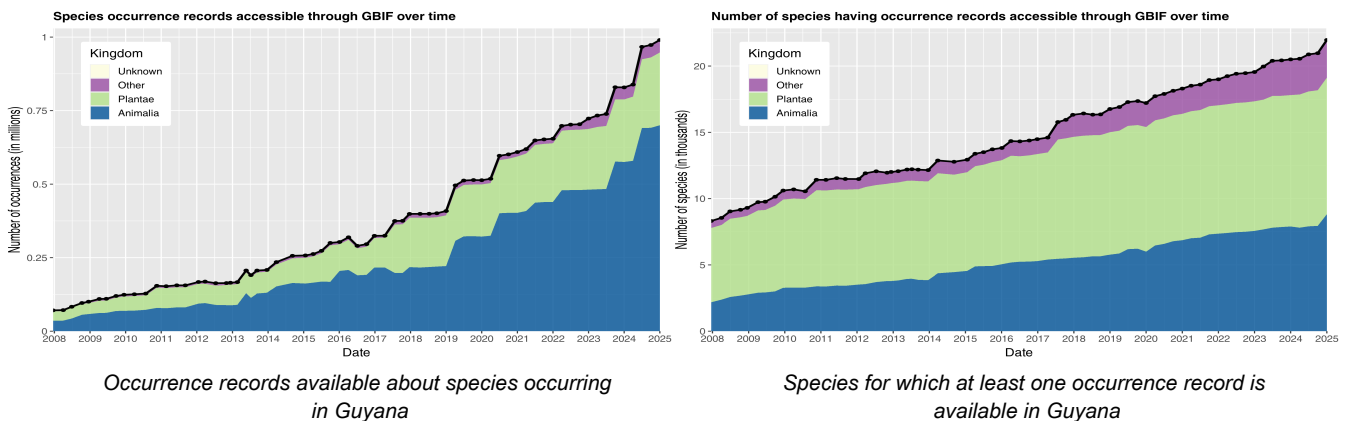
Mammals = Class *Mammalia*  
 Birds = Class *Aves*  
 Bony fish = Superclass  
*Osteichthyes* p.p.  
 Amphibians = Class *Amphibia*

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



#### 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>

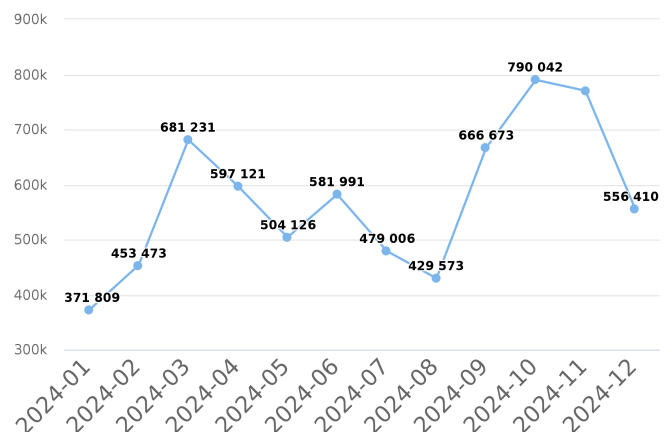
See all datasets from this country or area: [gbif.org/dataset/search?publishing\\_country=GY](https://gbif.org/dataset/search?publishing_country=GY)

### Newest publishers from Guyana

Environmental Protection Agency

See all publishers from this country or area  
[gbif.org/publisher/search?country=GY](https://gbif.org/publisher/search?country=GY)

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

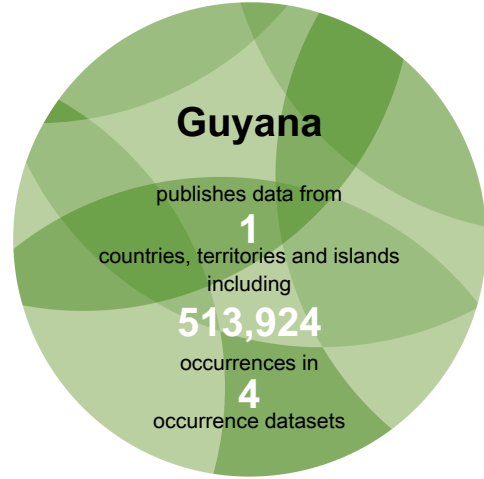
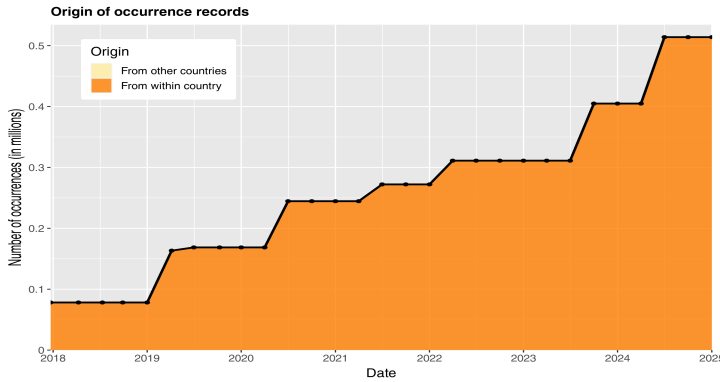


Number of occurrence records downloaded via GBIF.org published by institutions in Guyana



## 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	513,924
2	United States of America	259,581
3	United Kingdom	62,575
4	Canada	36,137
5	Netherlands	34,540
6	Estonia	19,865
7	Germany	13,138
8	Brazil	12,642
9	International organization or unknown country	10,010
10	France	8,735

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

### Top datasets contributing data about Guyana

- EOD – eBird Observation Dataset. 507,137 occurrences in Guyana. (Last updated 27 Sep 2024)
- NMNH Extant Specimen Records (USNM, US). 91,134 occurrences in Guyana. (Last updated 2 Jan 2025)
- Royal Botanic Gardens, Kew - Herbarium Specimens. 35,023 occurrences in Guyana. (Last updated 2 Jan 2025)
- Naturalis Biodiversity Center (NL) - Botany. 31,423 occurrences in Guyana. (Last updated 1 Nov 2024)
- Snow Entomological Museum Collection. 24,231 occurrences in Guyana. (Last updated 2 Dec 2024)

See all contributing countries and areas or datasets: [gbif.org/country/GY/about](https://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)