GBIF Global Biodiversity Information Facility

Activity report

generated January 2025

Suriname

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 Suriname. 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

Suriname

contributed to

1

peer-reviewed articles citing GBIF use during 2024 and a total of

4

articles since 2008

▸ Data availability in Suriname

Animalia
489,784
occurrences

Plantae
144,138
occurrences

Fungi
2,293
occurrences

Unknown
1,256
occurrences

Protozoa
59
occurrences

Bacteria
37
occurrences

Virus
9
occurrences

Chromista
2,479
occurrences

Archaea
0
occurrences

▸ Data mobilization

Institutions from

Suriname

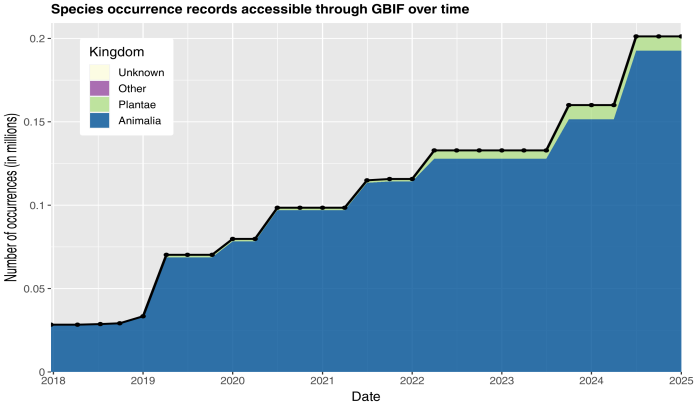
published

41,189

new occurrence records during 2024 out of a total of

428,451,251

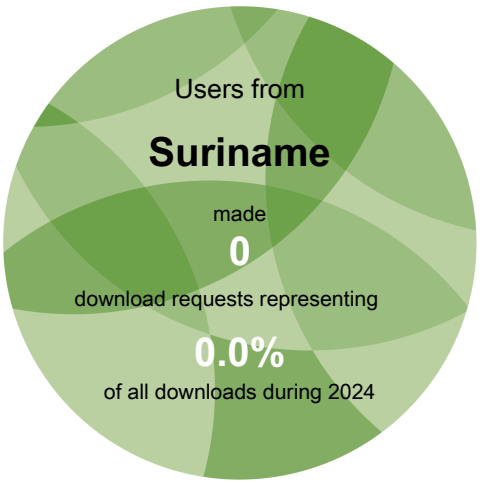
occurrence records added globally to GBIF.org

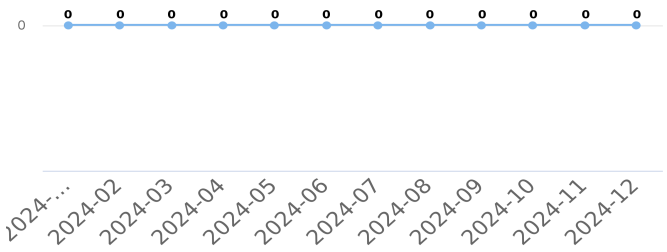


Number of records published by institutions in Suriname, categorized by kingdom

Access and usage

Data downloads on GBIF.org from users in Suriname





Monthly downloads requested by users in Suriname

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

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 Suriname.

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

van 't Klooster, Haabo, Ruysschaert *et al.* (2018) Herbal bathing: an analysis of variation in plant use among Saramaccan and Aucan Maroons in Suriname. *Journal of Ethnobiology and Ethnomedicine.* https://doi.org/10.1186/s13002-018-0216-9

van Andel, Ruysschaert, Boven *et al.* (2015) The use of Amerindian charm plants in the Guianas. *Journal of Ethnobiology and Ethnomedicine.* https://doi.org/10.1186/s13002-015-0048-9

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/SR/publications/from

Data availability

Total data available for selected taxonomic groups in Suriname

Mammals
29,260
occurrences

Birds
282,724
occurrences

Bony fish
25,872
occurrences

Amphibians
11,280
occurrences

Insects
84,976
occurrences

Reptiles
12,911
occurrences

Molluscs
13,190
occurrences

Arachnids
6,539
occurrences

Flowering plants
128,021
occurrences

Ferns
7,327
occurrences

Gymnosperms
62
occurrences

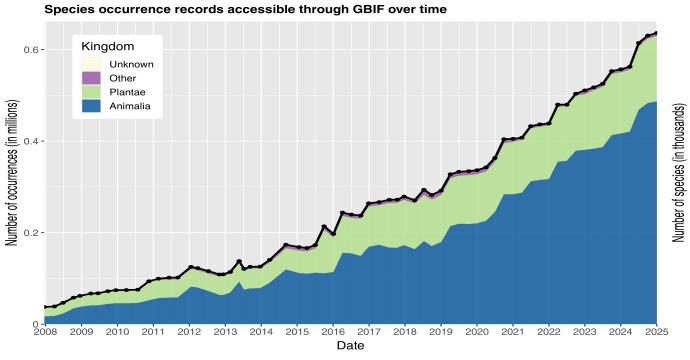
Mosses
5,001
occurrences

Sac fungi
1,351
occurrences

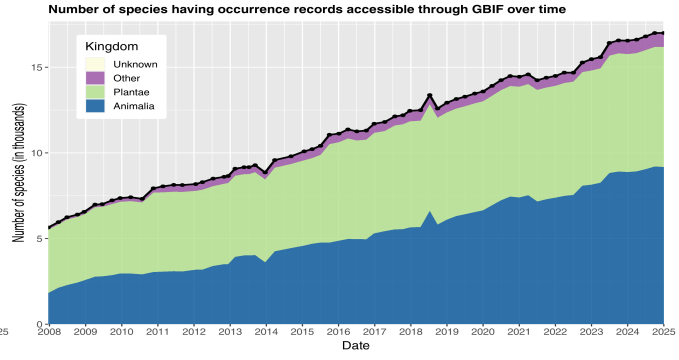
Basidiomycota
879
occurrences

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 Suriname



Occurrence records available about species occurring in Suriname



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

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 Suriname

National Herbarium van Suriname Pteridophyta Collection. *Published by The National Herbarium of Suriname (BBS)*
https://doi.org/10.15468/eer4nv

National Herbarium of Suriname Historical Collection. *Published by The National Herbarium of Suriname (BBS)*
https://doi.org/10.15468/f955su

National Herbarium van Suriname Collection. *Published by The National Herbarium of Suriname (BBS)*
https://doi.org/10.15468/vhkjc4

NeoWild Brownsberg Nature Park Camera trap Monitoring 2016-2017. *Published by NeoWild*
https://doi.org/10.15468/apqeyf

NZCS Para River - Topibo Swamp Studies 1993-2007. *Published by National Zoological Collection of Suriname (NZCS)*
https://doi.org/10.15468/sukspp

NZCS Vertebrates New Collection After 1987. *Published by National Zoological Collection of Suriname (NZCS)*
https://doi.org/10.15468/lrpe0i

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

Newest publishers from Suriname

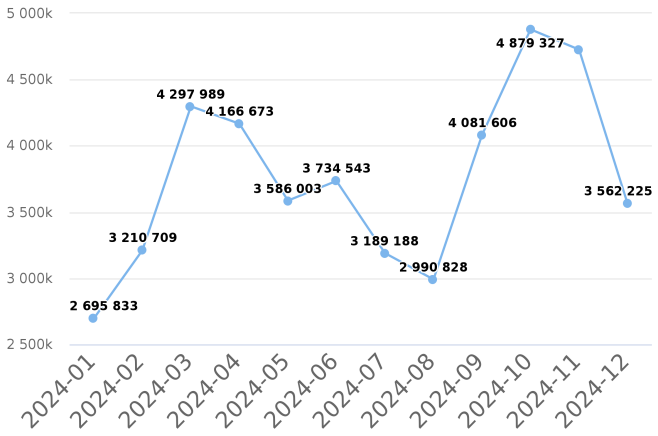
NeoWild

The National Herbarium of Suriname (BBS)

National Zoological Collection of Suriname (NZCS)

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

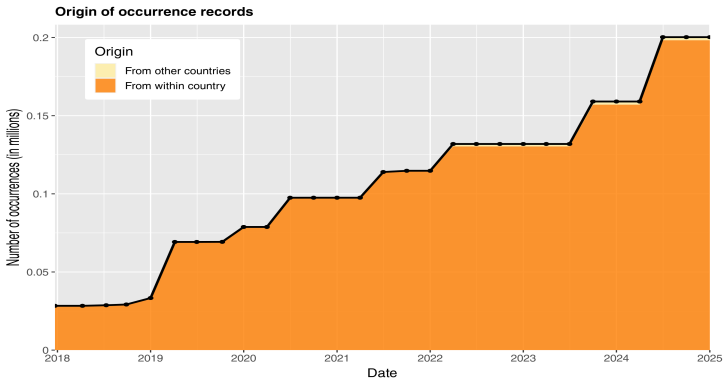
Occurrence records downloaded from GBIF.org, published by institutions in Suriname



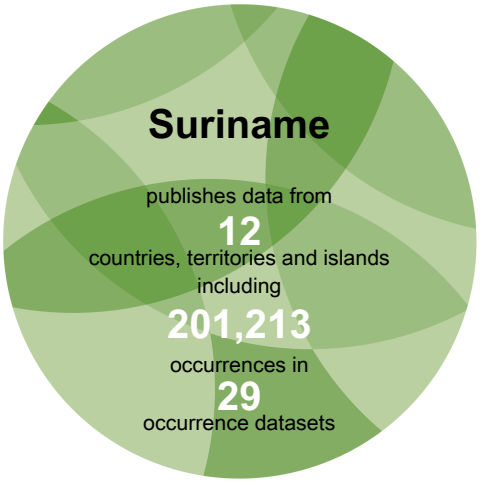
Number of occurrence records downloaded via GBIF.org published by institutions in Suriname

Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Suriname

Rank	Country or area	No. of occurrences
1	Netherlands	206,953
2	Suriname	199,143
3	United States of America	136,250
4	France	21,708
5	International organization or unknown country	16,145
6	United Kingdom	14,812
7	Brazil	10,250
8	Germany	8,710
9	Belgium	8,065
10	Canada	5,049

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

Top datasets contributing data about Suriname

EOD – eBird Observation Dataset. *168,736 occurrences in Suriname.* (Last updated 27 Sep 2024)

Observation.org, Nature data from around the World. *75,086 occurrences in Suriname.* (Last updated 3 Jan 2025)

Naturalis Biodiversity Center (NL) - Botany. *51,384 occurrences in Suriname.* (Last updated 1 Nov 2024)

Snow Entomological Museum Collection. *24,753 occurrences in Suriname.* (Last updated 2 Dec 2024)

NMNH Extant Specimen Records (USNM, US). *19,963 occurrences in Suriname.* (Last updated 2 Jan 2025)

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

Suriname participates in the following projects coordinated by GBIF

Implementing national flows of biodiversity data in Suriname
BID: Biodiversity Information for Development, 2021–2023
https://www.gbif.org/project/BID-CA2020-008-USE

Improve accessibility of Surinamese biodiversity data through digitizing and partnerships
BID: Biodiversity Information for Development, 2017–2018
This project proposes to establish an open-access database for the flora and fauna of one of the biodiversity hotspots of the Guiana Shield and the Caribbean.
https://www.gbif.org/project/83243

Improving biodiversity data accessibility in Trinidad & Tobago, Barbados and Suriname
BID: Biodiversity Information for Development, 2017–2018
This project is aimed at fully digitizing the main collections of Trinidad and Tobago, Barbados and Suriname, and making these data available in a user-friendly form.
https://www.gbif.org/project/83239

See all GBIF projects
gbif.org/resource/search?contentType=project