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 0 peer-reviewed articles citing GBIF use during 2023 and a total of 3 articles since 2008.

▶ Data availability in Suriname

<table>
<thead>
<tr>
<th>Kingdom</th>
<th>Occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animalia</td>
<td>419,656</td>
</tr>
<tr>
<td>Plantae</td>
<td>135,667</td>
</tr>
<tr>
<td>Fungi</td>
<td>2,132</td>
</tr>
<tr>
<td>Unknown</td>
<td>1,223</td>
</tr>
<tr>
<td>Protozoa</td>
<td>56</td>
</tr>
<tr>
<td>Bacteria</td>
<td>32</td>
</tr>
<tr>
<td>Virus</td>
<td>9</td>
</tr>
<tr>
<td>Chromista</td>
<td>2,555</td>
</tr>
<tr>
<td>Archaea</td>
<td>0</td>
</tr>
</tbody>
</table>

▶ Data mobilization

Institutions from Suriname published 27,170 new occurrence records during 2023 out of a total of 355,993,458 occurrence records added globally to GBIF.org.
Access and usage

Data downloads on GBIF.org from users in Suriname

Users from Suriname

- Users from Suriname made 11 download requests representing 0.0% of all downloads during 2023.

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.


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
Data availability

Total data available for selected taxonomic groups in Suriname

- **Mammals**: 28,681 occurrences
- **Birds**: 232,566 occurrences
- **Bony fish**: 23,587 occurrences
- **Amphibians**: 10,842 occurrences
- **Insects**: 69,320 occurrences
- **Reptiles**: 12,254 occurrences
- **Molluscs**: 13,084 occurrences
- **Arachnids**: 6,330 occurrences
- **Flowering plants**: 120,246 occurrences
- **Ferns**: 6,954 occurrences
- **Gymnosperms**: 62 occurrences
- **Mosses**: 4,852 occurrences
- **Sac fungi**: 1,265 occurrences
- **Basidiomycota**: 823 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
**Mosses** = Phylum Bryophyta
**Sac fungi** = Phylum Ascomycota
**Basidiomycota** = Phylum Basidiomycota

**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.

**Change over time in records about biodiversity in Suriname**
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

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)

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

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

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

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

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Netherlands</td>
<td>197,939</td>
</tr>
<tr>
<td>2</td>
<td>Suriname</td>
<td>157,954</td>
</tr>
<tr>
<td>3</td>
<td>United States of America</td>
<td>129,043</td>
</tr>
<tr>
<td>4</td>
<td>France</td>
<td>20,965</td>
</tr>
<tr>
<td>5</td>
<td>Brazil</td>
<td>9,735</td>
</tr>
<tr>
<td>6</td>
<td>Germany</td>
<td>8,789</td>
</tr>
<tr>
<td>7</td>
<td>Belgium</td>
<td>7,984</td>
</tr>
<tr>
<td>8</td>
<td>United Kingdom</td>
<td>7,892</td>
</tr>
<tr>
<td>9</td>
<td>Canada</td>
<td>4,899</td>
</tr>
<tr>
<td>10</td>
<td>International organization or unknown country</td>
<td>3,261</td>
</tr>
</tbody>
</table>

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

Top datasets contributing data about Suriname

- **EOD – eBird Observation Dataset.** 127,547 occurrences in Suriname. (Last updated 20 Aug 2023)
- **Observation.org, Nature data from around the World.** 67,559 occurrences in Suriname. (Last updated 12 Dec 2023)
- **Naturalis Biodiversity Center (NL) - Botany.** 51,404 occurrences in Suriname. (Last updated 12 Dec 2023)
- **Snow Entomological Museum Collection.** 24,750 occurrences in Suriname. (Last updated 2 Jan 2024)
- **NMNH Extant Specimen Records (USNM, US).** 19,919 occurrences in Suriname. (Last updated 2 Jan 2024)

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