Cayman Islands

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 Cayman Islands. 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 Cayman Islands contributed to 0 peer-reviewed articles citing GBIF use during 2023 and a total of 1 article since 2008.

▶ Data availability in Cayman Islands

- **Animalia**: 283,748 occurrences
- **Plantae**: 5,229 occurrences
- **Fungi**: 411 occurrences
- **Unknown**: 172 occurrences
- **Protozoa**: 2 occurrences
- **Bacteria**: 26 occurrences
- **Virus**: 3 occurrences
- **Chromista**: 2,349 occurrences
- **Archaea**: 4 occurrences

▶ Data mobilization

Institutions from Cayman Islands published 50,752 new occurrence records during 2023 out of a total of 355,993,458 occurrence records added globally to GBIF.org.

![Species occurrence records accessible through GBIF over time](chart)

- **Number of records published by institutions in Cayman Islands, categorized by kingdom**
Access and usage
Data downloads on GBIF.org from users in Cayman Islands

Users from Cayman Islands made 3 download requests representing 0.0% of all downloads during 2023.

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

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 Cayman Islands.

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


See all research from this country or area gbif.org/country/KY/publications/from
Data availability

Total data available for selected taxonomic groups in Cayman Islands

- **Mammals**: 599 occurrences
- **Birds**: 248,008 occurrences
- **Bony fish**: 6,726 occurrences
- **Amphibians**: 611 occurrences
- **Insects**: 2,165 occurrences
- **Reptiles**: 5,349 occurrences
- **Molluscs**: 9,574 occurrences
- **Arachnids**: 128 occurrences
- **Flowering plants**: 4,752 occurrences
- **Ferns**: 49 occurrences
- **Gymnosperms**: 4 occurrences
- **Mosses**: 4 occurrences
- **Sac fungi**: 312 occurrences
- **Basidiomycota**: 97 occurrences

**Mammals** = Class Mammalia
**Birds** = Class Aves
**Bony fish** = Superclass Osteichthyes p.p.
**Amphibians** = Class Amphibia
**Insects** = Class Insecta
**Reptiles** = Class Testudines, Sphenodon, 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 Cayman Islands

![Graphs showing change over time in records about biodiversity in Cayman Islands]

**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.
Newest publishers from Cayman Islands

No data available

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

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

Number of occurrence records downloaded via GBIF.org published by institutions in Cayman Islands
Data mobilization

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

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

### Top data contributors about biodiversity in Cayman Islands

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cayman Islands</td>
<td>241,189</td>
</tr>
<tr>
<td>2</td>
<td>United States of America</td>
<td>36,189</td>
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<tr>
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<td>Venezuela</td>
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<td>496</td>
</tr>
<tr>
<td>8</td>
<td>International organization or unknown country</td>
<td>495</td>
</tr>
<tr>
<td>9</td>
<td>Canada</td>
<td>475</td>
</tr>
<tr>
<td>10</td>
<td>Australia</td>
<td>184</td>
</tr>
</tbody>
</table>

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

### Top datasets contributing data about Cayman Islands

- EOD – eBird Observation Dataset. *241,189 occurrences in Cayman Islands.* (Last updated 20 Aug 2023)
- iNaturalist Research-grade Observations. *15,182 occurrences in Cayman Islands.* (Last updated 2 Jan 2024)
- Museum of Comparative Zoology, Harvard University. *3,220 occurrences in Cayman Islands.* (Last updated 28 Dec 2023)
- NMNH Extant Specimen Records (USNM, US). *2,498 occurrences in Cayman Islands.* (Last updated 2 Jan 2024)

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