Bermuda

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

▶ Data availability in Bermuda

<table>
<thead>
<tr>
<th>Kingdom</th>
<th>Number of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animalia</td>
<td>509,171 occurrences</td>
</tr>
<tr>
<td>Plantae</td>
<td>27,487 occurrences</td>
</tr>
<tr>
<td>Fungi</td>
<td>5,091 occurrences</td>
</tr>
<tr>
<td>Unknown</td>
<td>4,853 occurrences</td>
</tr>
<tr>
<td>Protozoa</td>
<td>2,460 occurrences</td>
</tr>
<tr>
<td>Bacteria</td>
<td>51,255 occurrences</td>
</tr>
<tr>
<td>Virus</td>
<td>60 occurrences</td>
</tr>
<tr>
<td>Chromista</td>
<td>30,110 occurrences</td>
</tr>
<tr>
<td>Archaea</td>
<td>1,304 occurrences</td>
</tr>
</tbody>
</table>

▶ Data mobilization

Institutions from Bermuda published 49,884 new occurrence records during 2023 out of a total of 355,993,458 occurrence records added globally to GBIF.org.

Number of records published by institutions in Bermuda, categorized by kingdom
Access and usage

Data downloads on GBIF.org from users in Bermuda

Users from Bermuda made 1 download requests representing 0.0% of all downloads during 2023.

Monthly downloads requested by users in Bermuda

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

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 Bermuda.

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

https://doi.org/10.3897/bdj.8.e47018

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

**Total data available for selected taxonomic groups in Bermuda**

- **Mammals**
  - 424 occurrences

- **Birds**
  - 432,255 occurrences

- **Bony fish**
  - 34,495 occurrences

- **Amphibians**
  - 619 occurrences

- **Insects**
  - 2,205 occurrences

- **Reptiles**
  - 1,469 occurrences

- **Molluscs**
  - 16,877 occurrences

- **Arachnids**
  - 253 occurrences

- **Flowering plants**
  - 7,001 occurrences

- **Ferns**
  - 1,080 occurrences

- **Gymnosperms**
  - 187 occurrences

- **Mosses**
  - 437 occurrences

- **Sac fungi**
  - 2,943 occurrences

- **Basidiomycota**
  - 1,348 occurrences

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### Change over time in records about biodiversity in Bermuda

**Occurrence records available about species occurring in Bermuda**

**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.

**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.

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Newest publishers from Bermuda

No data available

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

See all publishers from this country or area

gbif.org/publisher/search?country=BM

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

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

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

Top data contributors about biodiversity in Bermuda

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bermuda</td>
<td>427,221</td>
</tr>
<tr>
<td>2</td>
<td>United States of America</td>
<td>105,668</td>
</tr>
<tr>
<td>3</td>
<td>United Kingdom</td>
<td>87,399</td>
</tr>
<tr>
<td>4</td>
<td>Sweden</td>
<td>2,333</td>
</tr>
<tr>
<td>5</td>
<td>Germany</td>
<td>1,991</td>
</tr>
<tr>
<td>6</td>
<td>Netherlands</td>
<td>1,820</td>
</tr>
<tr>
<td>7</td>
<td>Canada</td>
<td>1,134</td>
</tr>
<tr>
<td>8</td>
<td>International organization or unknown country</td>
<td>1,001</td>
</tr>
<tr>
<td>9</td>
<td>Belgium</td>
<td>775</td>
</tr>
<tr>
<td>10</td>
<td>Denmark</td>
<td>498</td>
</tr>
</tbody>
</table>

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

Top datasets contributing data about Bermuda

- **EOD – eBird Observation Dataset.** 427,221 occurrences in Bermuda. (Last updated 20 Aug 2023)
- **Temporal sampling of marine metagenomes from Station ALOHA and BATS.** 35,985 occurrences in Bermuda. (Last updated 21 Sep 2022)
- **NMNH Extant Specimen Records (USNM, US).** 30,291 occurrences in Bermuda. (Last updated 2 Jan 2024)
- **Bermuda Atlantic Time-series Study metagenomes.** 12,839 occurrences in Bermuda. (Last updated 6 Oct 2020)
- **iNaturalist Research-grade Observations.** 12,788 occurrences in Bermuda. (Last updated 2 Jan 2024)

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