Activity report

Christmas Island

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

▶ Data availability in Christmas Island

- **Animalia**: 31,309 occurrences
- **Plantae**: 2,885 occurrences
- **Fungi**: 6,796 occurrences
- **Unknown**: 687 occurrences
- **Protozoa**: 50 occurrences
- **Bacteria**: 16 occurrences
- **Virus**: 2 occurrences
- **Chromista**: 186 occurrences
- **Archaea**: 0 occurrences

▶ Data mobilization

Institutions from Christmas Island published 2,906 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 Christmas Island, categorized by kingdom*
Access and usage

Data downloads on GBIF.org from users in Christmas Island

Users from Christmas Island made 6 download requests representing 0.0% of all downloads during 2023.

Monthly downloads requested by users in Christmas Island
## Data availability

**Total data available for selected taxonomic groups in Christmas Island**

<table>
<thead>
<tr>
<th>Taxonomic Group</th>
<th>Occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mammals</td>
<td>179</td>
</tr>
<tr>
<td>Birds</td>
<td>14,905</td>
</tr>
<tr>
<td>Bony fish</td>
<td>6,316</td>
</tr>
<tr>
<td>Amphibians</td>
<td>1</td>
</tr>
<tr>
<td>Insects</td>
<td>1,129</td>
</tr>
<tr>
<td>Reptiles</td>
<td>938</td>
</tr>
<tr>
<td>Molluscs</td>
<td>3,175</td>
</tr>
<tr>
<td>Arachnids</td>
<td>339</td>
</tr>
<tr>
<td>Flowering plants</td>
<td>2,323</td>
</tr>
<tr>
<td>Ferns</td>
<td>438</td>
</tr>
<tr>
<td>Gymnosperms</td>
<td>13</td>
</tr>
<tr>
<td>Mosses</td>
<td>37</td>
</tr>
<tr>
<td>Sac fungi</td>
<td>4,110</td>
</tr>
<tr>
<td>Basidiomycota</td>
<td>2,140</td>
</tr>
</tbody>
</table>

**Classifications**

- **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 **Ascomycota**
- **Sac fungi** = Phylum **Basidiomycota**
- **Basidiomycota** = Phylum **Basidiomycota**

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### Change over time in records about biodiversity in Christmas Island

#### Species occurrence records accessible through GBIF over time

- **Occurrence records available about species occurring in Christmas Island**

#### Number of species having occurrence records accessible through GBIF over time

- **Species for which at least one occurrence record is available in Christmas Island**

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**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 Christmas Island

No data available

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

See all publishers from this country or area

gbif.org/publisher/search?country= CX

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

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

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

Top data contributors about biodiversity in Christmas Island

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Australia</td>
<td>24,907</td>
</tr>
<tr>
<td>2</td>
<td>Christmas Island</td>
<td>10,313</td>
</tr>
<tr>
<td>3</td>
<td>United States of America</td>
<td>3,019</td>
</tr>
<tr>
<td>4</td>
<td>United Kingdom</td>
<td>2,054</td>
</tr>
<tr>
<td>5</td>
<td>Japan</td>
<td>652</td>
</tr>
<tr>
<td>6</td>
<td>Netherlands</td>
<td>316</td>
</tr>
<tr>
<td>7</td>
<td>Canada</td>
<td>163</td>
</tr>
<tr>
<td>8</td>
<td>France</td>
<td>134</td>
</tr>
<tr>
<td>9</td>
<td>Switzerland</td>
<td>68</td>
</tr>
<tr>
<td>10</td>
<td>Germany</td>
<td>62</td>
</tr>
</tbody>
</table>

Table 1. Ranking of countries or areas contributing data about Christmas Island

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

Top datasets contributing data about Christmas Island

EOD – eBird Observation Dataset. 10,313 occurrences in Christmas Island. (Last updated 20 Aug 2023)

Western Australian Museum provider for OZCAM. 6,396 occurrences in Christmas Island. (Last updated 17 Jul 2023)

Biome of Australia Soil Environments. 6,153 occurrences in Christmas Island. (Last updated 3 Jul 2023)

iNaturalist Research-grade Observations. 2,899 occurrences in Christmas Island. (Last updated 2 Jan 2024)

Australian Museum provider for OZCAM. 2,165 occurrences in Christmas Island. (Last updated 3 Jul 2023)