Activity report

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

▶ Data availability in Turks and Caicos Islands

- **Animalia**: 60,003 occurrences
- **Plantae**: 4,424 occurrences
- **Fungi**: 14 occurrences
- **Unknown**: 71 occurrences
- **Protozoa**: 0 occurrences
- **Bacteria**: 34 occurrences
- **Virus**: 0 occurrences
- **Chromista**: 76 occurrences
- **Archaea**: 0 occurrences

▶ Data mobilization

Institutions from Turks and Caicos Islands published 8,943 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 Turks and Caicos Islands, categorized by kingdom.
Access and usage

Data downloads on GBIF.org from users in Turks and Caicos Islands

Users from Turks and Caicos Islands made 27 download requests representing 0.0% of all downloads during 2023.

Monthly downloads requested by users in Turks and Caicos Islands
Data availability

Total data available for selected taxonomic groups in Turks and Caicos Islands

- **Mammals**: 236 occurrences
- **Birds**: 47,682 occurrences
- **Bony fish**: 2,574 occurrences
- **Amphibians**: 26 occurrences
- **Insects**: 385 occurrences
- **Reptiles**: 2,688 occurrences
- **Molluscs**: 2,100 occurrences
- **Arachnids**: 134 occurrences
- **Flowering plants**: 3,931 occurrences
- **Ferns**: 24 occurrences
- **Gymnosperms**: 24 occurrences
- **Mosses**: 1 occurrence
- **Sac fungi**: 11 occurrences
- **Basidiomycota**: 3 occurrences

**Taxonomic 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
- **Ferns** = Phylum Pteridophyta
- **Gymnosperms** = Superclass Gymnospermae
- **Mosses** = Phylum Bryophyta
- **Sac fungi** = Phylum Ascomycota
- **Basidiomycota** = Phylum Basidiomycota

Change over time in records about biodiversity in Turks and Caicos 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.

Occurrence records available about species occurring in Turks and Caicos Islands

Species for which at least one occurrence record is available in Turks and Caicos Islands
Newest publishers from Turks and Caicos Islands

Occurrence records downloaded from GBIF.org, published by institutions in Turks and Caicos Islands

No data available

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

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

Data sharing with country or area of origin by national institutions in Turks and Caicos Islands

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

Top data contributors about biodiversity in Turks and Caicos 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>Turks and Caicos Islands</td>
<td>45,716</td>
</tr>
<tr>
<td>2</td>
<td>United States of America</td>
<td>14,048</td>
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<tr>
<td>3</td>
<td>Venezuela</td>
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<td>10</td>
<td>Belgium</td>
<td>161</td>
</tr>
</tbody>
</table>

Table 1. Ranking of countries or areas contributing data about Turks and Caicos Islands

Top datasets contributing data about Turks and Caicos Islands

- EOD – eBird Observation Dataset. *45,716 occurrences in Turks and Caicos Islands.* (Last updated 20 Aug 2023)
- iNaturalist Research-grade Observations. *3,496 occurrences in Turks and Caicos Islands.* (Last updated 2 Jan 2024)
- Atlantic and Gulf Rapid Reef Assessment - Benthic. *2,996 occurrences in Turks and Caicos Islands.* (Last updated 9 Jun 2020)
- NMNH Extant Specimen Records (USNM, US). *2,092 occurrences in Turks and Caicos Islands.* (Last updated 2 Jan 2024)
- The New York Botanical Garden Herbarium (NY). *1,437 occurrences in Turks and Caicos Islands.* (Last updated 1 Jan 2024)

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