Turkmenistan

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

▶ Data availability in Turkmenistan

Animalia: 18,444 occurrences
Plantae: 30,075 occurrences
Fungi: 1,171 occurrences
Unknown: 340 occurrences
Protozoa: 2 occurrences
Bacteria: 64 occurrences
Virus: 37 occurrences
Chromista: 38 occurrences
Archaea: 1 occurrence

▶ Data mobilization

Institutions from Turkmenistan published 135 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 Turkmenistan

Users from Turkmenistan made 0 download requests representing 0.0% of all downloads during 2023.

Monthly downloads requested by users in Turkmenistan:
Data availability

Total data available for selected taxonomic groups in Turkmenistan

- **Mammals**: 525 occurrences
- **Birds**: 4,830 occurrences
- **Bony fish**: 151 occurrences
- **Amphibians**: 484 occurrences
- **Insects**: 8,948 occurrences
- **Reptiles**: 2,532 occurrences
- **Molluscs**: 264 occurrences
- **Arachnids**: 266 occurrences
- **Flowering plants**: 29,461 occurrences
- **Ferns**: 119 occurrences
- **Gymnosperms**: 341 occurrences
- **Mosses**: 131 occurrences
- **Sac fungi**: 390 occurrences
- **Basidiomycota**: 741 occurrences

Mammals = Class Mammalia
Birds = Class Aves
Amphibians = Class Amphibia
Arachnids = Class Arachnida
Insects = Class Insecta
Flowering plants = Phylum Magnoliophyta
Reptiles = Class Testudines, Sphenodontia, Squamata & Crocodylia
Molluscs = Phylum Mollusca
Ferns = Phylum Pteridophyta
Mosses = Phylum Bryophyta
Sac fungi = Phylum Ascomycota
Basidiomycota = Phylum Basidiomycota

Change over time in records about biodiversity in Turkmenistan

Species occurrence records accessible through GBIF over time

Species for which at least one occurrence record is available in Turkmenistan

**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 Turkmenistan

No data available

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

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

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

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

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

Top data contributors about biodiversity in Turkmenistan

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Russian Federation</td>
<td>11,697</td>
</tr>
<tr>
<td>2</td>
<td>United States of America</td>
<td>9,024</td>
</tr>
<tr>
<td>3</td>
<td>Estonia</td>
<td>5,867</td>
</tr>
<tr>
<td>4</td>
<td>Colombia</td>
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<td>5</td>
<td>Turkmenistan</td>
<td>3,423</td>
</tr>
<tr>
<td>6</td>
<td>International organization or unknown country</td>
<td>2,860</td>
</tr>
<tr>
<td>7</td>
<td>United Kingdom</td>
<td>2,098</td>
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<tr>
<td>8</td>
<td>Germany</td>
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<tr>
<td>9</td>
<td>Sweden</td>
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<tr>
<td>10</td>
<td>Switzerland</td>
<td>1,172</td>
</tr>
</tbody>
</table>

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

Top datasets contributing data about Turkmenistan

- Moscow University Herbarium (MW). 10,866 occurrences in Turkmenistan. (Last updated 27 Dec 2023)
- A global database for the distributions of crop wild relatives. 4,373 occurrences in Turkmenistan. (Last updated 6 Jun 2019)
- EOD – eBird Observation Dataset. 3,423 occurrences in Turkmenistan. (Last updated 20 Aug 2023)
- Tropicos MO Specimen Data. 2,627 occurrences in Turkmenistan. (Last updated 27 Dec 2023)
- Estonian University of Life Sciences Institute of Agricultural and Environmental Sciences Entomological Collection. 2,549 occurrences in Turkmenistan. (Last updated 17 Feb 2023)

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