Armenia

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 Armenia. 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 Armenia contributed to 0 peer-reviewed articles citing GBIF use during 2023 and a total of 8 articles since 2008.

▶ Data availability in Armenia

<table>
<thead>
<tr>
<th>Kingdom</th>
<th>Occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animalia</td>
<td>87,736</td>
</tr>
<tr>
<td>Plantae</td>
<td>113,058</td>
</tr>
<tr>
<td>Fungi</td>
<td>3,066</td>
</tr>
<tr>
<td>Unknown</td>
<td>566</td>
</tr>
<tr>
<td>Protozoa</td>
<td>8</td>
</tr>
<tr>
<td>Bacteria</td>
<td>129</td>
</tr>
<tr>
<td>Virus</td>
<td>56</td>
</tr>
<tr>
<td>Chromista</td>
<td>529</td>
</tr>
<tr>
<td>Archaea</td>
<td>1</td>
</tr>
</tbody>
</table>

▶ Data mobilization

Institutions from Armenia published 13,186 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 Armenia

Users from Armenia made 24 download requests representing 0.0% of all downloads during 2023.

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

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 Armenia.

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


Niedzialkowska, Doan, Górný et al. (2020) Winter temperature and forest cover have shaped red deer distribution in Europe and the Ural Mountains since the Late Pleistocene. *Journal of Biogeography*. https://doi.org/10.1111/jbi.13989

Petrosyan, Osipov, Bobrov et al. (2019) New records of Darevskia armeniaca (M&ecutc;eacute;hly, 1909) and Darevskia valentini (Boettger, 1892) (Squamata, Sauria, Lacertidae) from Armenia and updated geographic distribution maps. *Check List*. https://doi.org/10.15560/15.1.21
Data availability

Total data available for selected taxonomic groups in Armenia

- **Mammals**: 523 occurrences
- **Birds**: 62,254 occurrences
- **Bony fish**: 268 occurrences
- **Amphibians**: 1,248 occurrences
- **Insects**: 17,286 occurrences
- **Reptiles**: 4,159 occurrences
- **Molluscs**: 710 occurrences
- **Arachnids**: 287 occurrences
- **Flowering plants**: 110,942 occurrences
- **Ferns**: 845 occurrences
- **Gymnosperms**: 504 occurrences
- **Mosses**: 470 occurrences
- **Sac fungi**: 2,122 occurrences
- **Basidiomycota**: 919 occurrences

**Terms and 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*
- **Mosses** = Phylum *Bryophyta*
- **Sac fungi** = Phylum *Ascomycota*
- **Basidiomycota** = Phylum *Basidiomycota*

**Change over time in records about biodiversity in Armenia**

Occurrence records available about species occurring in Armenia

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

**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.
Most recent datasets from publishers in Armenia

Field observations in the framework of CESP2021-010:Mentoring GBIF Armenia – GBIF France and GIZ-83406212:Biodiversity Data Digitization, Mobilization and Management in Armenia. *Published by "Scientific Center of Agrobiotechnology" Branch of ANAU Foundation*

https://doi.org/10.15468/bbwdh7

Seed Collection of Crops and Crops' Wild Relatives (CWRs) of Armenia. *Published by "Scientific Center of Agrobiotechnology" Branch of ANAU Foundation*

https://doi.org/10.15468/czqf4h

Seed Collection of Vegetable and Industrial crops of Armenia. *Published by Scientific Centre of Vegetables and Industrial Crops of the Ministry of Economy of the Republic of Armenia*

https://doi.org/10.15468/ta5pwm

National Academy of Sciences of Republic of Armenia - Institute of Botany - Herbarium ERE. *Published by A.L.Takhtajan Institute of Botany Yerevan*

https://doi.org/10.15468/xn64eb

See all datasets from this country or area: gbif.org/dataset/search?publishing_country=AM

Newest publishers from Armenia

"Scientific Center of Agrobiotechnology" Branch of ANAU Foundation

Scientific Centre of Vegetables and Industrial Crops of the Ministry of Economy of the Republic of Armenia

A.L.Takhtajan Institute of Botany Yerevan

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

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

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

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

Top data contributors about biodiversity in Armenia

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Armenia</td>
<td>63,520</td>
</tr>
<tr>
<td>2</td>
<td>Netherlands</td>
<td>21,554</td>
</tr>
<tr>
<td>3</td>
<td>Austria</td>
<td>21,202</td>
</tr>
<tr>
<td>4</td>
<td>United States of America</td>
<td>20,865</td>
</tr>
<tr>
<td>5</td>
<td>Russian Federation</td>
<td>14,630</td>
</tr>
<tr>
<td>6</td>
<td>Colombia</td>
<td>11,461</td>
</tr>
<tr>
<td>7</td>
<td>Spain</td>
<td>10,689</td>
</tr>
<tr>
<td>8</td>
<td>Germany</td>
<td>10,146</td>
</tr>
<tr>
<td>9</td>
<td>International organization or unknown country</td>
<td>8,900</td>
</tr>
<tr>
<td>10</td>
<td>United Kingdom</td>
<td>6,753</td>
</tr>
</tbody>
</table>

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

Top datasets contributing data about Armenia

- EOD – eBird Observation Dataset. 39,729 occurrences in Armenia. (Last updated 20 Aug 2023)
- Natural History Museum, Vienna - Herbarium W. 20,649 occurrences in Armenia. (Last updated 8 Aug 2022)
- Observation.org, Nature data from around the World. 19,024 occurrences in Armenia. (Last updated 12 Dec 2023)
- iNaturalist Research-grade Observations. 14,057 occurrences in Armenia. (Last updated 2 Jan 2024)

See all contributing countries and areas or datasets: gbif.org/country/AM/about
Armenia participates in the following projects coordinated by GBIF

Mentoring of GBIF Armenia by GBIF France
Capacity Enhancement Support Programme, 2021–2023
https://www.gbif.org/project/CESP2021-010

See all GBIF projects
gbif.org/resource/search?contentType=project