GBIF | Global Biodiversity Information Facility

Activity report
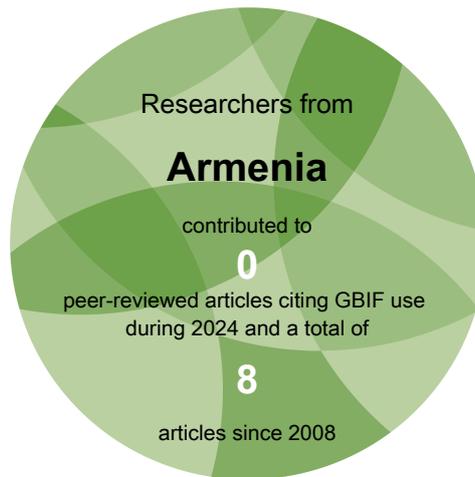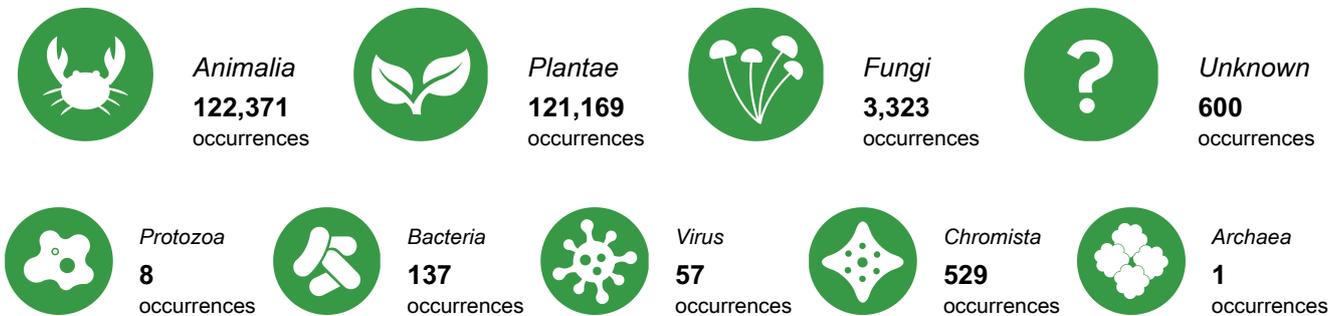
Armenia

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.
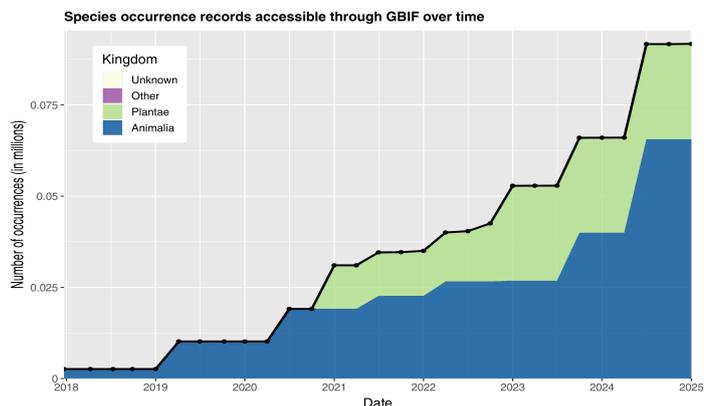
▸ Access and usage

Researchers from

Armenia

contributed to

0

peer-reviewed articles citing GBIF use during 2024 and a total of

8

articles since 2008

▸ Data availability in Armenia

Animalia
122,371
occurrences

Plantae
121,169
occurrences

Fungi
3,323
occurrences

Unknown
600
occurrences

Protozoa
8
occurrences

Bacteria
137
occurrences

Virus
57
occurrences

Chromista
529
occurrences

Archaea
1
occurrences

▸ Data mobilization

Institutions from

Armenia

published

25,707

new occurrence records during 2024 out of a total of

428,451,251

occurrence records added globally to GBIF.org

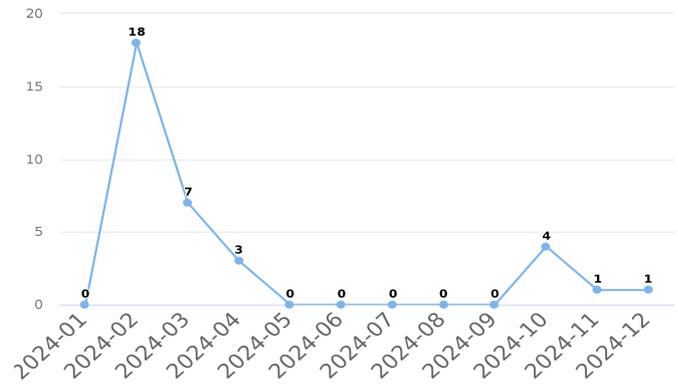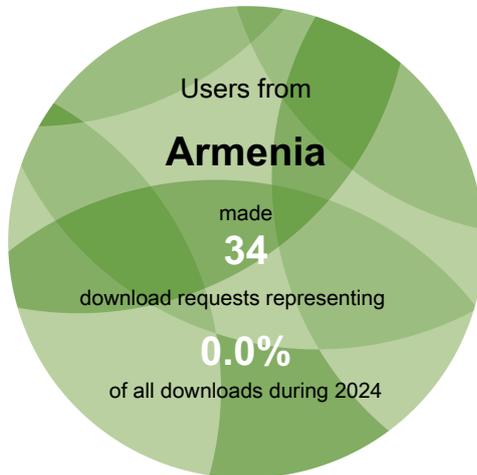Species occurrence records accessible through GBIF over time

Number of records published by institutions in Armenia, categorized by kingdom

Access and usage

Data downloads on GBIF.org from users in Armenia

Users from

Armenia

made

34

download requests representing

0.0%

of all downloads during 2024

Monthly downloads requested by users in Armenia

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.

Eastwood, Tambam, Aboagye *et al.* (2022) Adapting Agriculture to Climate Change: A Synopsis of Coordinated National Crop Wild Relative Seed Collecting Programs across Five Continents. *Plants.* https://doi.org/10.3390/plants11141840

Soultan, Pavón-Jordán, Bradter *et al.* (2022) The future distribution of wetland birds breeding in Europe validated against observed changes in distribution. *Environmental Research Letters.* https://doi.org/10.1088/1748-9326/ac4ebe

Faruk, Papikyan, Nersesyan. (2021) Exploring Effective Conservation of Charismatic Flora: Orchids in Armenia as a Case Study. *Diversity.* https://doi.org/10.3390/d13120624

Niedziałkowska, Doan, Górny *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 (Méhely, 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

See all research from this country or area
gbif.org/country/AM/publications/from

Data availability

Total data available for selected taxonomic groups in Armenia

Mammals
1,600
occurrences

Birds
90,449
occurrences

Bony fish
391
occurrences

Amphibians
1,514
occurrences

Insects
19,066
occurrences

Reptiles
6,922
occurrences

Molluscs
922
occurrences

Arachnids
408
occurrences

Flowering plants
118,616
occurrences

Ferns
930
occurrences

Gymnosperms
620
occurrences

Mosses
597
occurrences

Sac fungi
2,295
occurrences

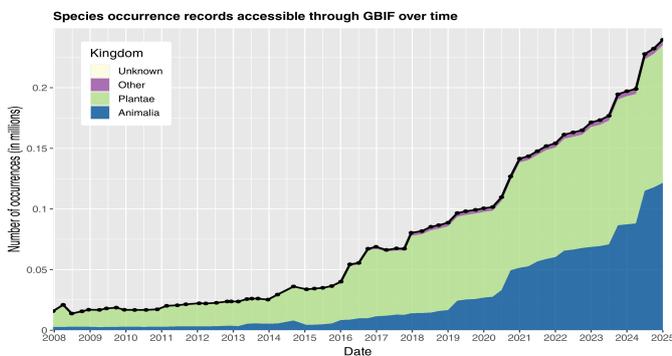*Basidiomycota*
1,001
occurrences

Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass *Osteichthyes* p.p.
Amphibians = Class *Amphibia*

Insects = Class *Insecta*
Reptiles = Class *Testudines, Sphenodontia, Squamata & Crocodylia*
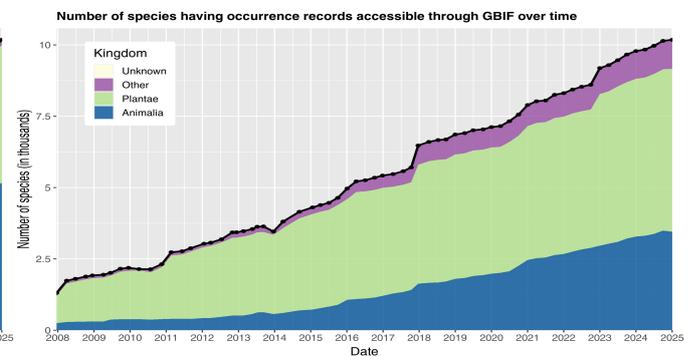Molluscs = Phylum *Mollusca*

Arachnids = Class *Arachnida*
Flowering plants = Phylum *Magnoliophyta*
Gymnosperms = Superclass *Gymnospermae*

Ferns = Phylum *Pteridophyta*
Mosses = Phylum *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
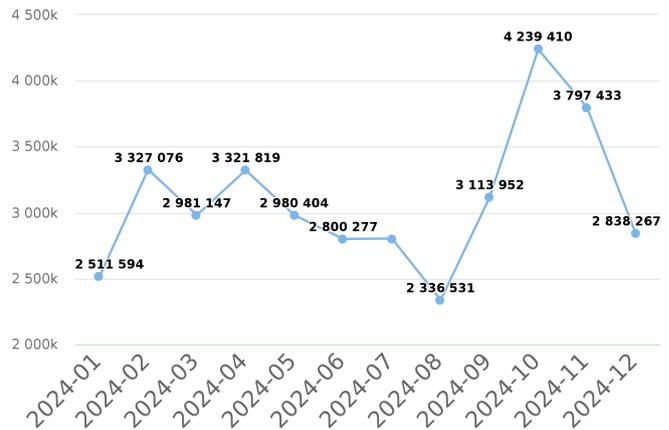
Newest publishers from Armenia

"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

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

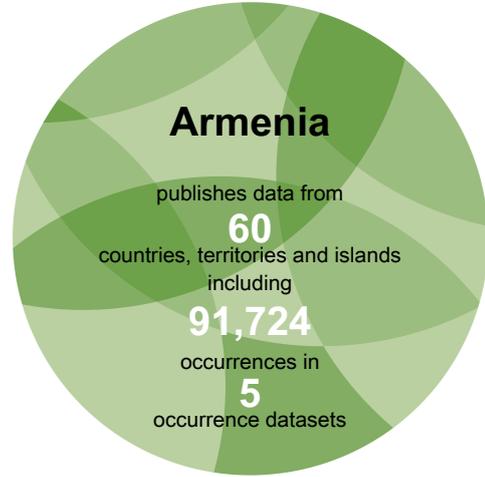## Occurrence records downloaded from GBIF.org, published by institutions in Armenia
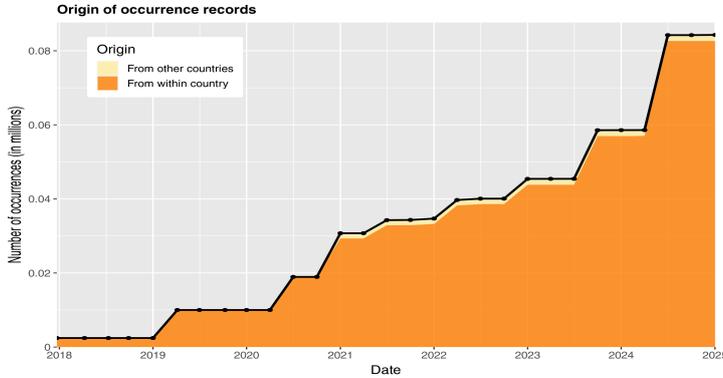

Number of occurrence records downloaded via GBIF.org published by institutions in Armenia

Data mobilization

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

Origin of occurrence records

Data sharing with country or area of origin

Armenia

publishes data from
60
countries, territories and islands
including
91,724
occurrences in
5
occurrence datasets

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

Rank	Country or area	No. of occurrences
1	Armenia	89,199
2	United States of America	27,512
3	Netherlands	22,287
4	Austria	21,483
5	Russian Federation	15,492
6	Colombia	11,461
7	Spain	10,692
8	Germany	10,167
9	United Kingdom	9,276
10	International organization or unknown country	8,944

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

Top datasets contributing data about Armenia

EOD – eBird Observation Dataset. *65,360 occurrences in Armenia.* (Last updated 27 Sep 2024)

Natural History Museum, Vienna - Herbarium W. *20,865 occurrences in Armenia.* (Last updated 8 Aug 2022)

Observation.org, Nature data from around the World. *19,643 occurrences in Armenia.* (Last updated 3 Jan 2025)

iNaturalist Research-grade Observations. *19,471 occurrences in Armenia.* (Last updated 30 Dec 2024)

National Academy of Sciences of Republic of Armenia - Institute of Botany - Herbarium ERE. *12,357 occurrences in Armenia.* (Last updated 16 Oct 2020)

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