GBIF Global Biodiversity Information Facility

Activity report

generated January 2025

Georgia

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 Georgia. 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

Georgia

contributed to

4

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

28

articles since 2008

▸ Data availability in Georgia

Animalia
984,928
occurrences

Plantae
132,619
occurrences

Fungi
115,402
occurrences

Unknown
7,305
occurrences

Protozoa
206
occurrences

Bacteria
3,547
occurrences

Virus
1,071
occurrences

Chromista
12,410
occurrences

Archaea
4
occurrences

▸ Data mobilization

Institutions from

Georgia

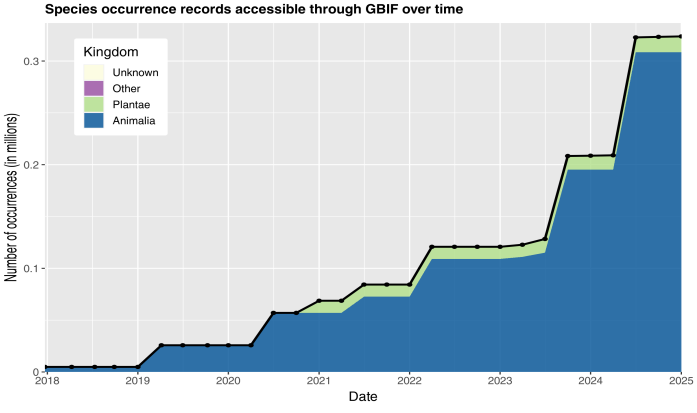
published

115,113

new occurrence records during 2024 out of a total of

428,451,251

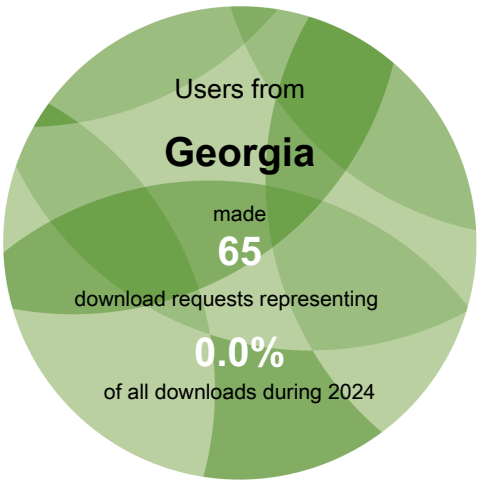
occurrence records added globally to GBIF.org

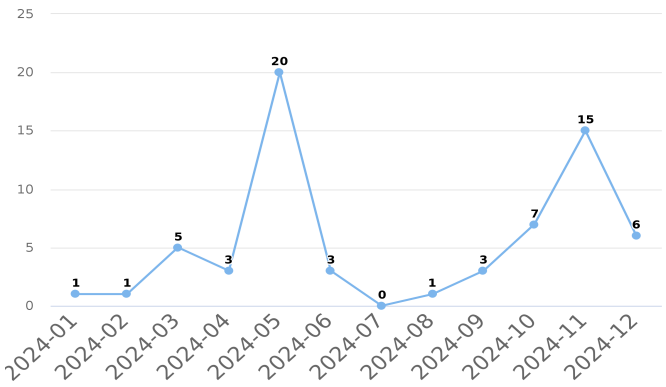


Number of records published by institutions in Georgia, categorized by kingdom

Access and usage

Data downloads on GBIF.org from users in Georgia





Monthly downloads requested by users in Georgia

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

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 Georgia.

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

Waheed, Haq, Arshad *et al.* (2024) Xanthium strumarium L., an invasive species in the subtropics: prediction of potential distribution areas and climate adaptability in Pakistan. *BMC Ecology and Evolution.*
https://doi.org/10.1186/s12862-024-02310-6

Walas, Alipour, Haq *et al.* (2024) The potential range of west Asian apple species Malus orientalis Uglitzk. under climate change. *BMC Plant Biology.*
https://doi.org/10.1186/s12870-024-05081-w

Nersezashvili, Skalicka-Woźniak, Berashvili. (2024) Phytochemical and Pharmaceutical Characterization of Seseli L. Species From Georgia. *Acta Poloniae Pharmaceutica - Drug Research.*
https://doi.org/10.32383/appdr/185727

Lopes-Lima, Geist, Egg *et al.* (2024) Integrative phylogenetic, phylogeographic and morphological characterisation of the Unio crassus species complex reveals cryptic diversity with important conservation implications. *Molecular Phylogenetics and Evolution.*
https://doi.org/10.1016/j.ympev.2024.108046

Qin, Han, Bussmann *et al.* (2023) Present status, future trends, and control strategies of invasive alien plants in China affected by human activities and climate change. *Ecography.*
https://doi.org/10.1111/ecog.06919

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

Data availability

Total data available for selected taxonomic groups in Georgia

Mammals
9,120
occurrences

Birds
884,617
occurrences

Bony fish
1,842
occurrences

Amphibians
4,325
occurrences

Insects
59,345
occurrences

Reptiles
5,950
occurrences

Molluscs
3,465
occurrences

Arachnids
11,598
occurrences

Flowering plants
115,430
occurrences

Ferns
2,857
occurrences

Gymnosperms
1,196
occurrences

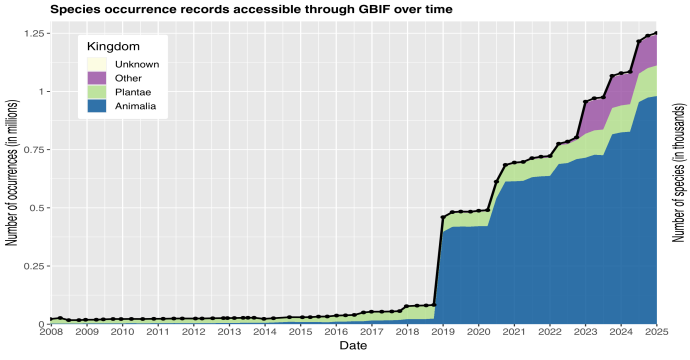
Mosses
10,196
occurrences

Sac fungi
37,239
occurrences

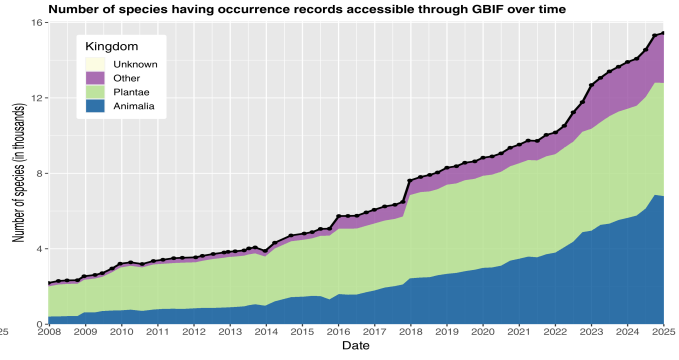
Basidiomycota
62,013
occurrences

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 Georgia



Occurrence records available about species occurring in Georgia



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

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 Georgia

The annotated checklist of plant species that occur in the wetland habitats of Georgia (the Caucasus). *Published by Institute of Zoology, Ilia State University*
https://doi.org/10.3897/caucasiana.2.e101677

Rodent occurrence in Georgia. *Published by Institute of Zoology, Ilia State University*
https://doi.org/10.15468/gtjrbf

The insectivores of Georgia. *Published by Institute of Zoology, Ilia State University*
https://doi.org/10.15468/fb3akq

Bats of Georgia. *Published by Institute of Zoology, Ilia State University*
https://doi.org/10.15468/c2spsh

Georgian Academy of Sciences, Institute of Botany, National Herbarium of Georgia. *Published by National Herbarium of Georgia TBI, Botanical Institute of Ilia State University*
https://doi.org/10.15468/6tbhmd

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

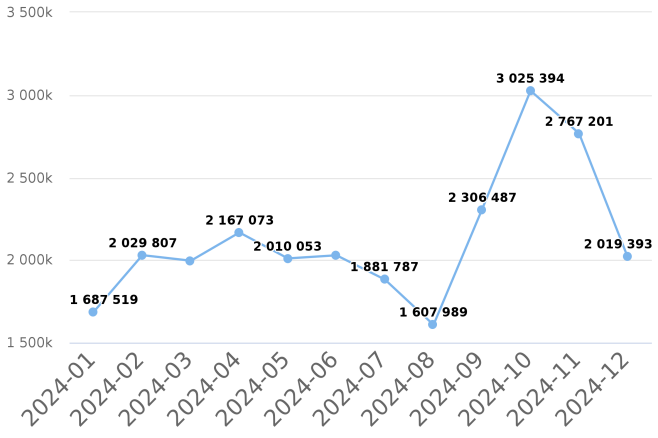
Newest publishers from Georgia

Institute of Zoology, Ilia State University

National Herbarium of Georgia TBI, Botanical Institute of Ilia State University

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

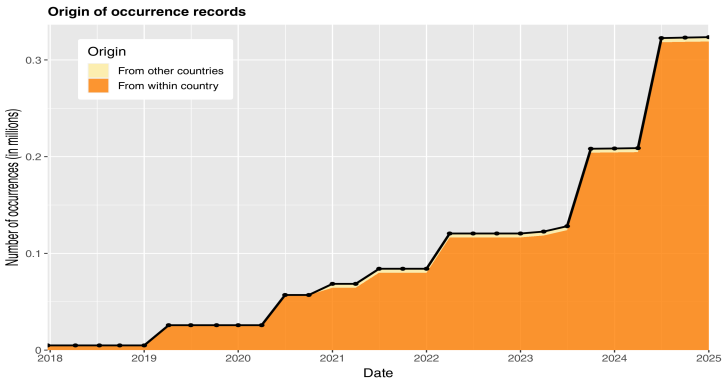
Occurrence records downloaded from GBIF.org, published by institutions in Georgia

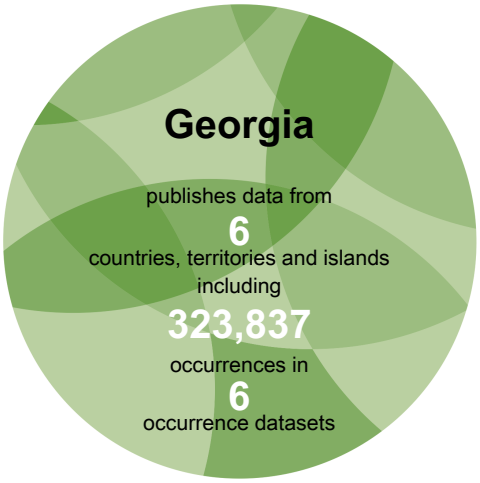


Number of occurrence records downloaded via GBIF.org published by institutions in Georgia

Data mobilization

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





Data sharing with country or area of origin

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

Top data contributors about biodiversity in Georgia

Rank	Country or area	No. of occurrences
1	Netherlands	582,797
2	Georgia	319,194
3	Estonia	161,431
4	United States of America	58,501
5	Russian Federation	25,837
6	Germany	25,097
7	International organization or unknown country	23,010
8	Poland	13,881
9	United Kingdom	10,725
10	Colombia	10,362

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

Top datasets contributing data about Georgia

Batumi Raptor Count (BRC) - Autumn migration data. *460,507 occurrences in Georgia.* (Last updated 15 Mar 2022)

EOD – eBird Observation Dataset. *302,499 occurrences in Georgia.* (Last updated 27 Sep 2024)

Global soil organisms. *146,529 occurrences in Georgia.* (Last updated 27 Feb 2023)

Observation.org, Nature data from around the World. *116,105 occurrences in Georgia.* (Last updated 3 Jan 2025)

iNaturalist Research-grade Observations. *44,010 occurrences in Georgia.* (Last updated 30 Dec 2024)

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