

generated January 2025

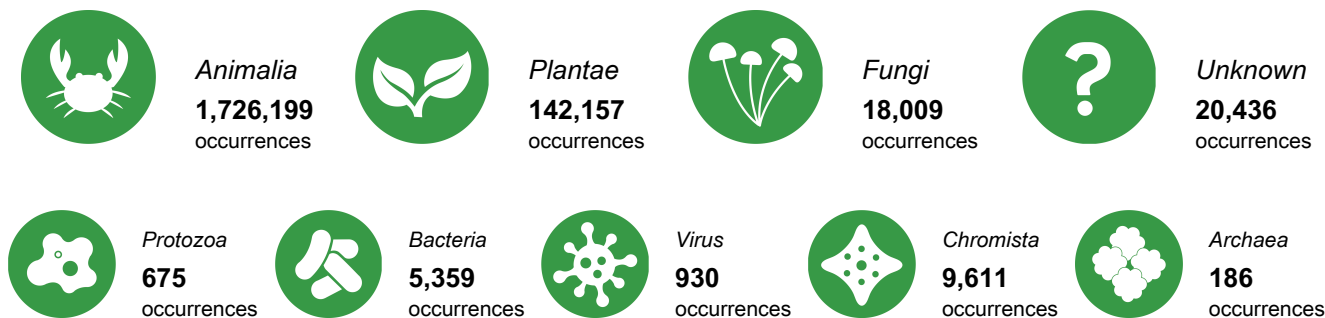
Bulgaria

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 Bulgaria. 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.

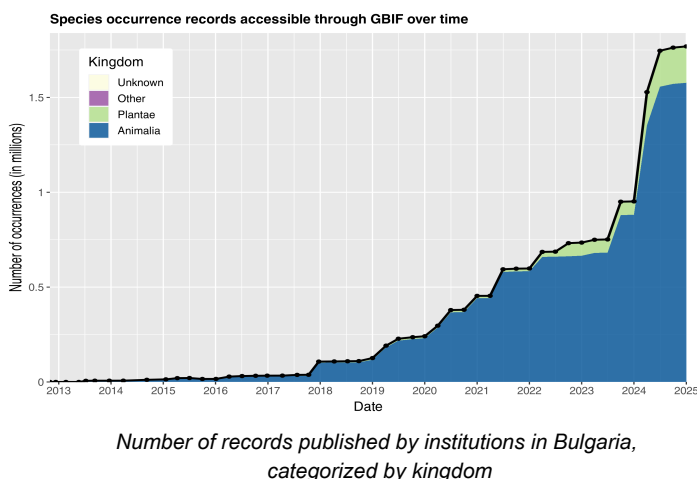
► Access and usage



► Data availability in Bulgaria



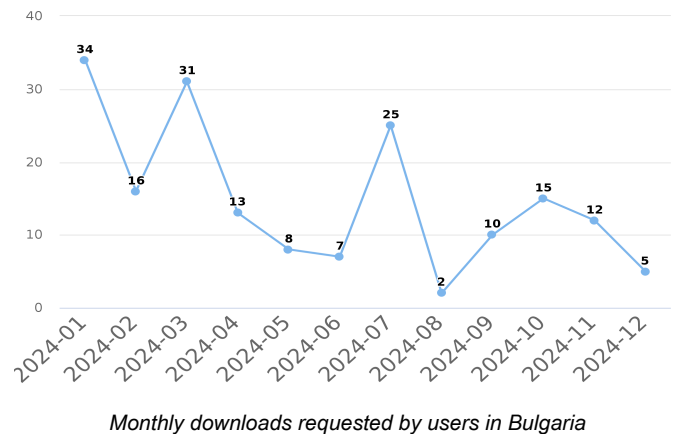
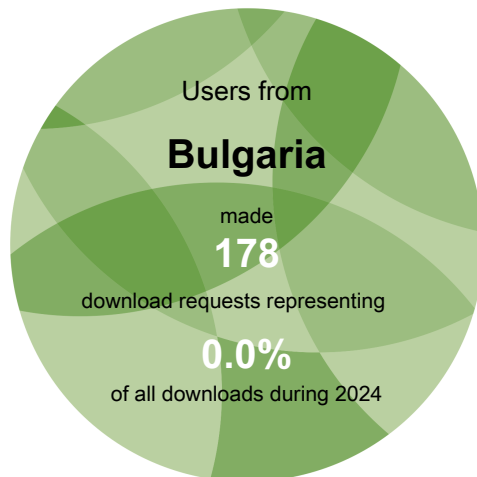
► Data mobilization





Access and usage

Data downloads on GBIF.org from users in Bulgaria



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

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 Bulgaria.

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

Puchalka, Paż-Dyderska, Jagodziński *et al.* (2024) Predicted range shifts of the main forest forming trees in Europe. *PEN-CAFoRR Final Conference*.

Bounas, Georgopoulou, Arkumarev *et al.* (2024) Increased occurrence of Egyptian vultures in Crete: exploring movement patterns and potential for wintering. *Ethology Ecology & Evolution*.
<https://doi.org/10.1080/03949370.2024.2387563>

Ciceu, Bălăcenoiu, de Groot *et al.* (2024) The ongoing range expansion of the invasive oak lace bug across Europe: current occurrence and potential distribution under climate change. *Science of The Total Environment*.
<https://doi.org/10.1016/j.scitotenv.2024.174950>

Petrova, Venkova, Assyov *et al.* (2024) On the current distribution and population size of non-native *Claytonia sibirica* (Montiaceae) in Bulgaria. *Phytologia Balcanica*.
<https://doi.org/10.7546/phb.30.1.2024.9>

Popgeorgiev, Lukanov, Dimitrova *et al.* (2024) Importance of Agricultural Areas for the Distribution of Protected Amphibian Species in Bulgaria. *Acta Zoologica Bulgaria*.

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



Data availability

Total data available for selected taxonomic groups in Bulgaria



Mammals
12,297
occurrences



Birds
1,486,965
occurrences



Bony fish
2,414
occurrences



Amphibians
4,159
occurrences



Insects
180,286
occurrences



Reptiles
10,129
occurrences



Molluscs
13,734
occurrences



Arachnids
7,437
occurrences



Flowering plants
137,633
occurrences



Ferns
1,091
occurrences



Gymnosperms
1,034
occurrences



Mosses
1,558
occurrences



Sac fungi
11,559
occurrences



Basidiomycota
5,566
occurrences

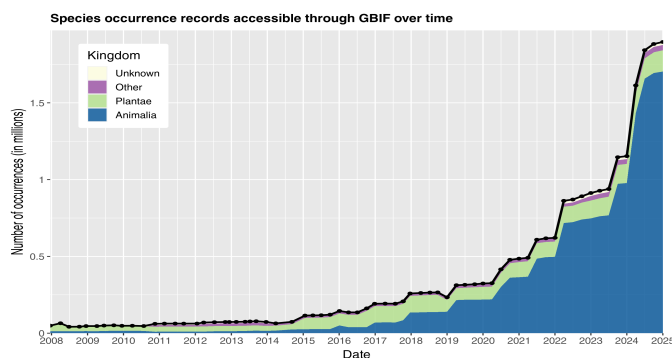
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

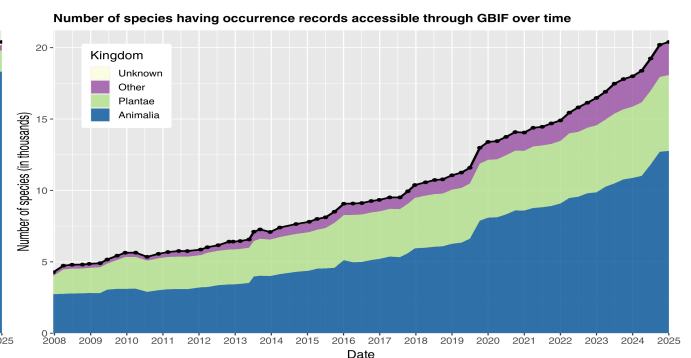
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

Ferns = Phylum *Pteridophyta*
Mosses = Phylum *Bryophyta*
Sac fungi = Phylum *Ascomycota*
Basidiomycota = Phylum
Basidiomycota

Change over time in records about biodiversity in Bulgaria



Occurrence records available about species occurring in Bulgaria



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

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 Bulgaria

The wild bees (Hymenoptera, Apoidea, Anthophila) of the urban nature reserves of Rome (Italy, Latium): a preliminary survey. *Published by Biodiversity Data Journal*
<https://doi.org/10.3897/bdj.12.e139087>

Checklist for the insect fauna of two East Sea Islands (Ulleungdo Is. and Dokdo Is.) in the Republic of Korea. *Published by Biodiversity Data Journal*
<https://doi.org/10.3897/bdj.12.e129360>

First record of the tetrablemmid armoured spiders (Araneae, Tetrablemmidae) from Xizang, China, with description of a new species. *Published by Biodiversity Data Journal*
<https://doi.org/10.3897/bdj.12.e143503>

Cumaceans (Crustacea, Peracarida) associated with shallow-water hydrothermal vents at Banderas Bay, Mexico. *Published by Biodiversity Data Journal*
<https://doi.org/10.3897/bdj.12.e139801>

dw_cl_lower_saxony. *Published by ZooKeys*
<https://doi.org/10.15468/m77gbm>

A new species related to *Anorthoa changi* from Wuyishan National Park (Lepidoptera, Noctuidae, Hadeninae). *Published by Biodiversity Data Journal*
<https://doi.org/10.3897/bdj.12.e139425>

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

Newest publishers from Bulgaria

Sofia University Zoological Collection (BFUS)

Bulgarian Society for the Protection of Birds

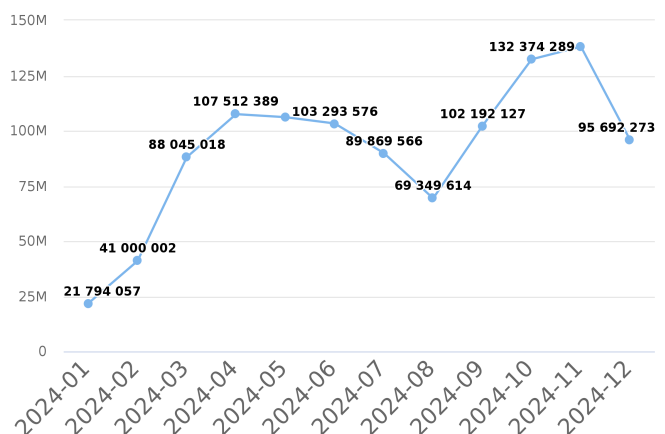
National Museum of Natural History, Bulgarian Academy of Sciences

Biodiversity Data Journal

NeoBiota

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

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

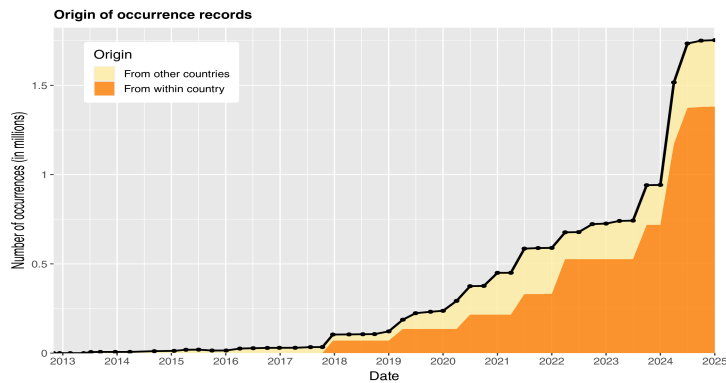


Number of occurrence records downloaded via GBIF.org published by institutions in Bulgaria

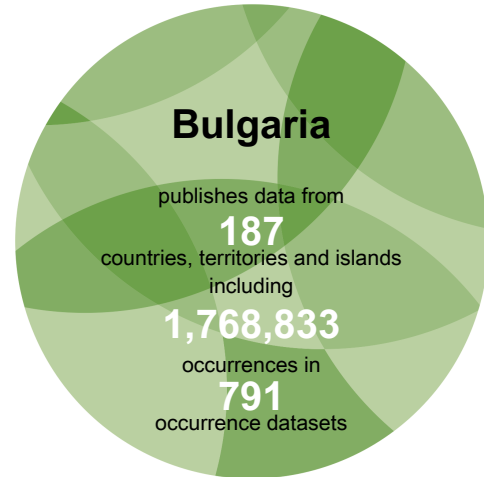


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Bulgaria

Rank	Country or area	No. of occurrences
1	Bulgaria	1,387,454
2	Netherlands	152,588
3	United States of America	102,288
4	International organization or unknown country	62,143
5	Poland	58,805
6	Colombia	25,596
7	Germany	23,934
8	Estonia	22,032
9	United Kingdom	21,358
10	France	18,172

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

Top datasets contributing data about Bulgaria

EOD – eBird Observation Dataset. 919,989 occurrences in Bulgaria. (Last updated 27 Sep 2024)

Common bird monitoring scheme in Bulgaria. 221,669 occurrences in Bulgaria. (Last updated 22 Feb 2024)

Mid-winter count of water birds and other bird species in Bulgaria. 131,502 occurrences in Bulgaria. (Last updated 16 Mar 2024)

Observation.org, Nature data from around the World. 109,621 occurrences in Bulgaria. (Last updated 3 Jan 2025)

Atlas of the Breeding Birds in Bulgaria. 87,747 occurrences in Bulgaria. (Last updated 7 Feb 2024)

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