

generated January 2026

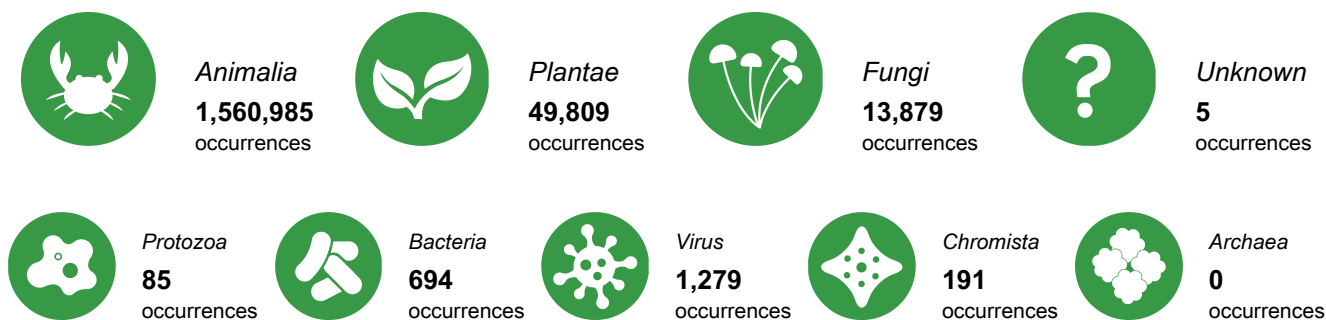
Serbia

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 Serbia. 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.

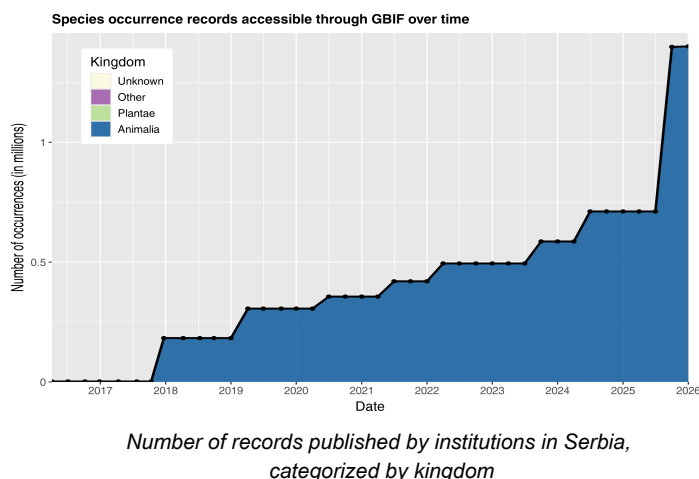
► Access and usage



► Data availability in Serbia

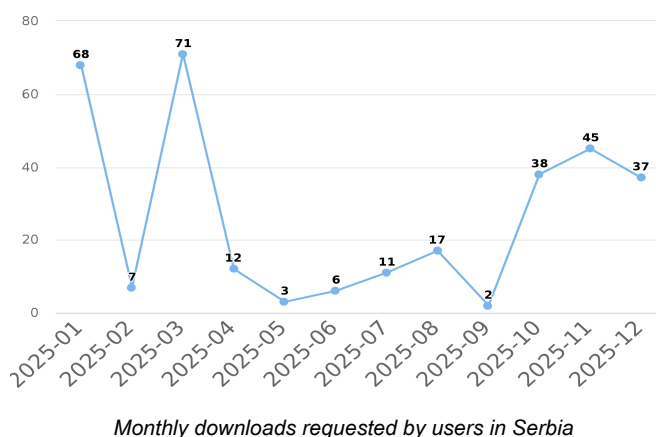
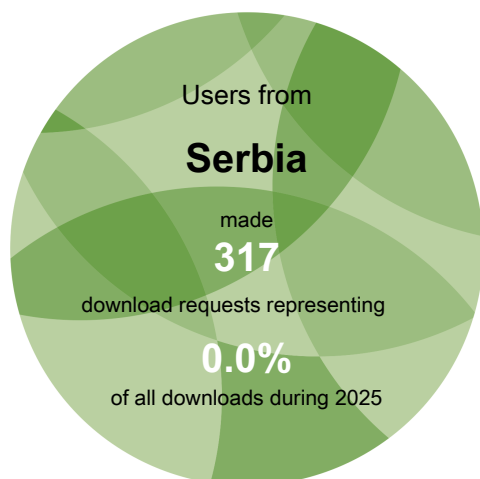


► Data mobilization



Access and usage

Data downloads on GBIF.org from users in Serbia



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

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 Serbia.

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

Reji Chacko, Albouy, Altermatt *et al.* (2025) A species-level multi-trophic metaweb for Switzerland. *Scientific Data*.
<https://doi.org/10.1038/s41597-025-05487-7>

Popović, Ilić, Nowicki. (2025) Ecology of Eastern and Southern Festoons: Living in a city or thriving in semi-natural areas?. *Journal of Environmental Management*.
<https://doi.org/10.1016/j.jenvman.2025.126361>

Lucas, Thuiller, Talluto *et al.* (2025) Trophic Interactions Are Key to Understanding the Effects of Global Change on the Distribution and Functional Role of the Brown Bear. *Global Change Biology*.
<https://doi.org/10.1111/gcb.70252>

Pang, Tombeur, Hartley *et al.* (2025) Convergent evidence for the temperature-dependent emergence of silicification in terrestrial plants. *Nature Communications*.
<https://doi.org/10.1038/s41467-025-56438-0>

González-Moreno, Anđelković, Adriaens *et al.* (2024) Citizen science platforms can effectively support early detection of invasive alien species according to species traits. *People and Nature*.
<https://doi.org/10.1002/pan3.10767>

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

Data availability

Total data available for selected taxonomic groups in Serbia



Mammals
4,502
occurrences



Birds
913,349
occurrences



Bony fish
5,383
occurrences



Amphibians
17,365
occurrences



Insects
607,034
occurrences



Reptiles
3,138
occurrences



Molluscs
4,384
occurrences



Arachnids
1,882
occurrences



Flowering plants
47,780
occurrences



Ferns
683
occurrences



Gymnosperms
898
occurrences



Mosses
282
occurrences



Sac fungi
2,355
occurrences



Basidiomycota
11,515
occurrences

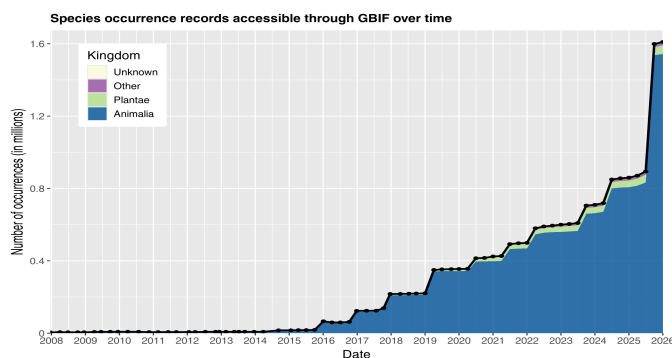
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

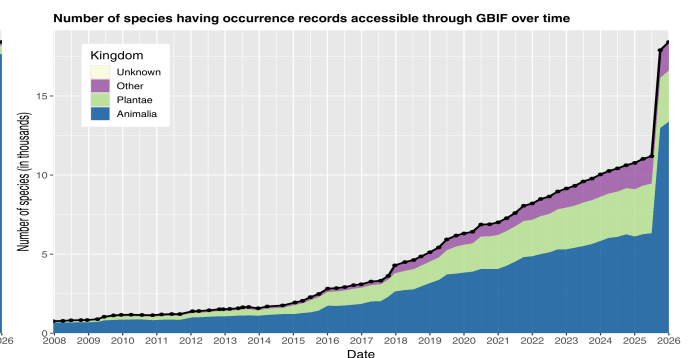
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Serbia



Occurrence records available about species occurring in Serbia



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

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 Serbia

Orchid observations derived from HabiProt Orhideje database in Serbia. *Published by HabiProt*

<https://doi.org/10.15468/9772pe>

Arthropod observations derived from HabiProt Alciphron database in Serbia. *Published by HabiProt*

<https://doi.org/10.15468/wxymrq>

Prime Hoverfly (Insecta: Diptera: Syrphidae) Areas (PHA) as a conservation tool in Serbia. *Published by Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Serbia*

<https://doi.org/10.15468/qequn8>

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

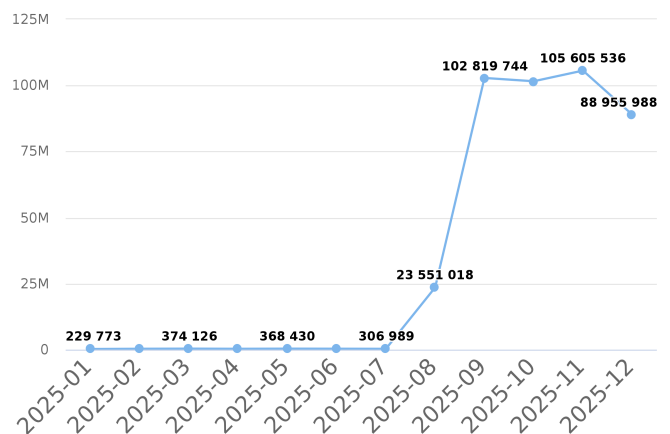
Newest publishers from Serbia

HabiProt

Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Serbia

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

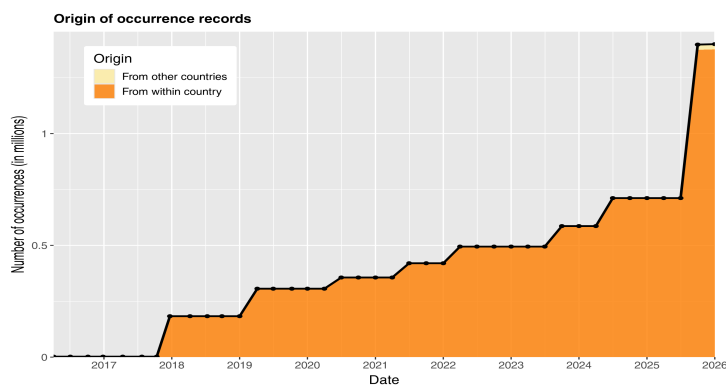
Occurrence records downloaded from GBIF.org, published by institutions in Serbia



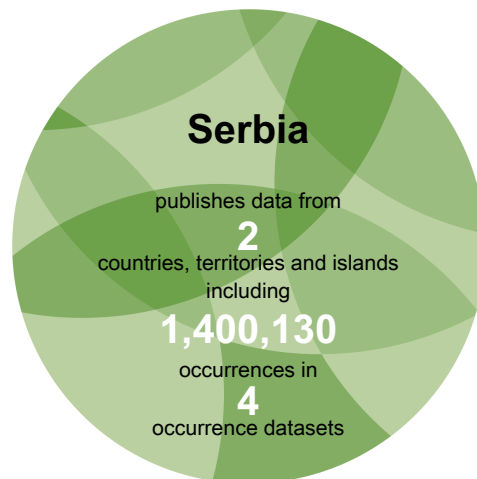
Number of occurrence records downloaded via GBIF.org published by institutions in Serbia

Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Serbia

Rank	Country or area	No. of occurrences
1	Serbia	1,394,349
2	United States of America	76,839
3	Bulgaria	35,394
4	Netherlands	22,176
5	Portugal	18,213
6	France	18,189
7	United Kingdom	13,715
8	Estonia	12,683
9	Germany	8,421
10	Sweden	6,278

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

Top datasets contributing data about Serbia

EOD – eBird Observation Dataset. 833,095 occurrences in Serbia. (Last updated 29 Oct 2025)

Arthropod observations derived from HabiProt Alciphron database in Serbia. 557,060 occurrences in Serbia. (Last updated 2 Dec 2025)

iNaturalist Research-grade Observations. 74,454 occurrences in Serbia. (Last updated 31 Dec 2025)

Griffon Vulture movement on the Balkans. 32,819 occurrences in Serbia. (Last updated 17 Dec 2025)

Global Roadkill Data: a dataset on terrestrial vertebrate mortality caused by collision with vehicles (Systematic Records). 18,154 occurrences in Serbia. (Last updated 10 Apr 2025)

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