

generated January 2025

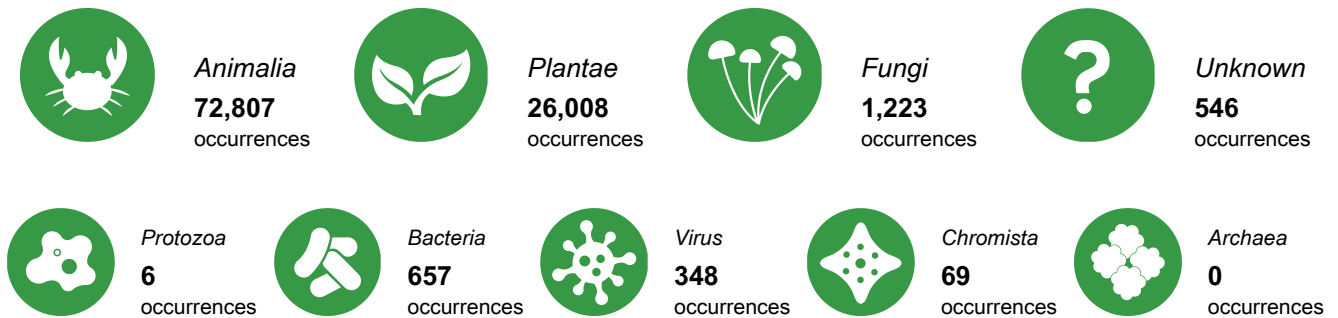
Bosnia and Herzegovina

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 Bosnia and Herzegovina. 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.

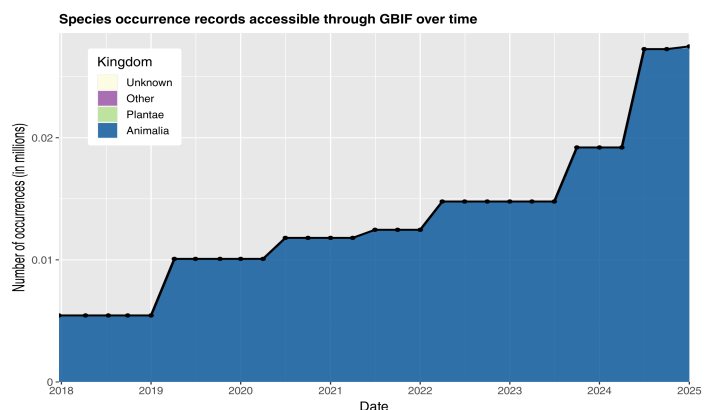
► Access and usage



► Data availability in Bosnia and Herzegovina



► Data mobilization

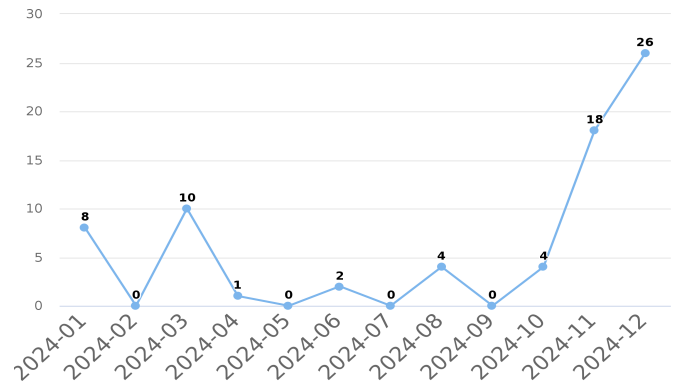
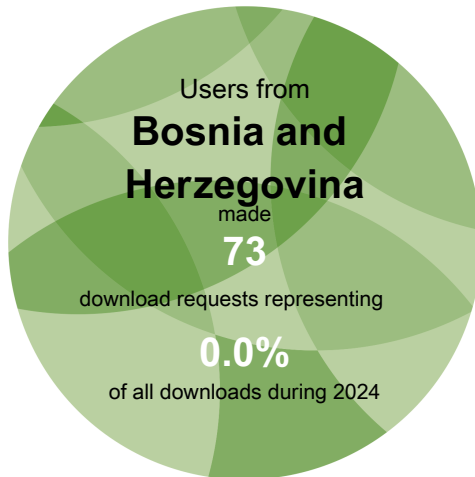


Number of records published by institutions in Bosnia and Herzegovina, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Bosnia and Herzegovina



Monthly downloads requested by users in Bosnia and Herzegovina

Recent peer-reviewed articles using GBIF-mediated data by co-authors based in Bosnia and Herzegovina

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 Bosnia and Herzegovina.

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

Čengić, Šunje, Bonato *et al.* (2024) A Multi-Modelling Approach for Informing the Conservation of a Cold-Adapted Terrestrial Amphibian in the Face of Climate Change. *Journal of Biogeography*.
<https://doi.org/10.1111/jbi.15005>

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>

Pearman, Broennimann, Aavik *et al.* (2024) Monitoring of species' genetic diversity in Europe varies greatly and overlooks potential climate change impacts. *Nature Ecology & Evolution*.
<https://doi.org/10.1038/s41559-023-02260-0>

Sikora, Zając, Bieniek *et al.* (2023) Phylogeography and distribution modelling reveal the history and future of a saproxylic beetle of European conservation concern. *Journal of Biogeography*.
<https://doi.org/10.1111/jbi.14626>

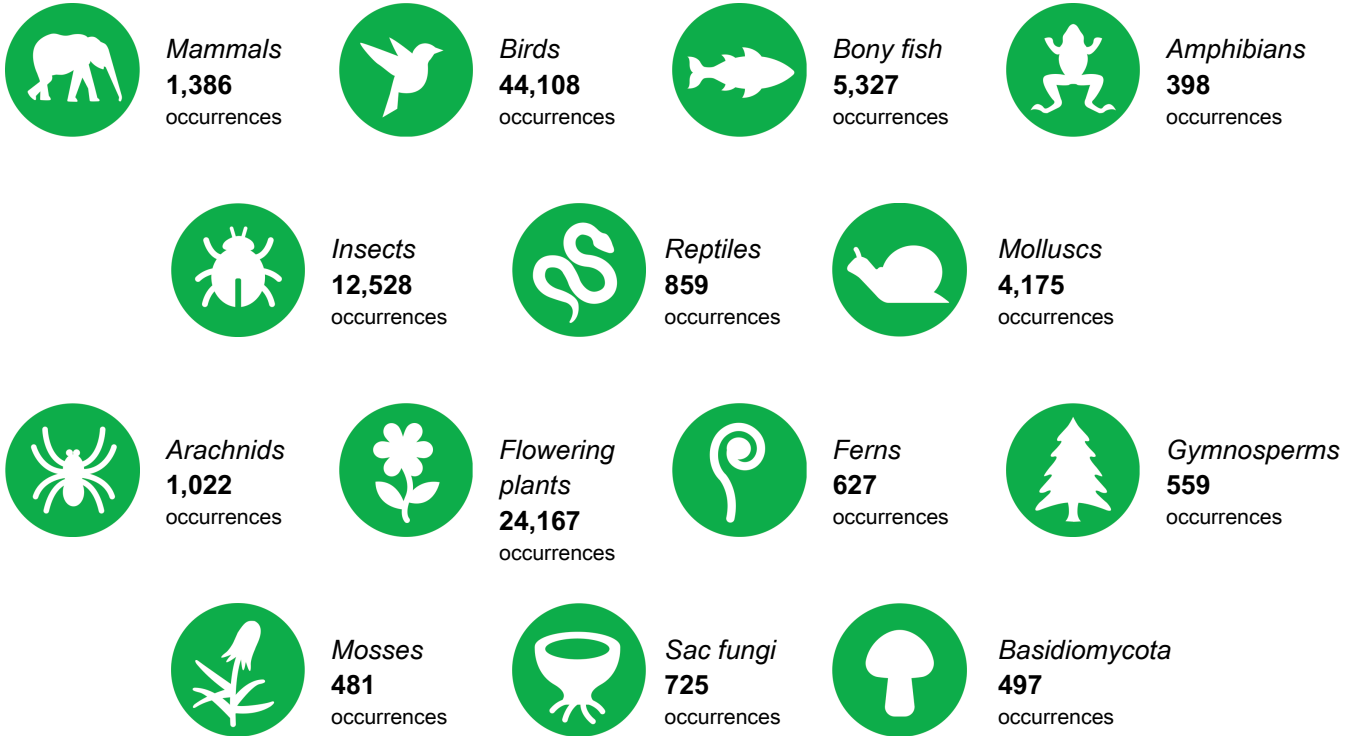
Cerman, Rajković, Topić *et al.* (2022) Environmental Niche Modelling Predicts a Contraction in the Potential Distribution of Two Boreal Owl Species under Different Climate Scenarios. *Animals*.
<https://doi.org/10.3390/ani12223226>

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



Data availability

Total data available for selected taxonomic groups in Bosnia and Herzegovina



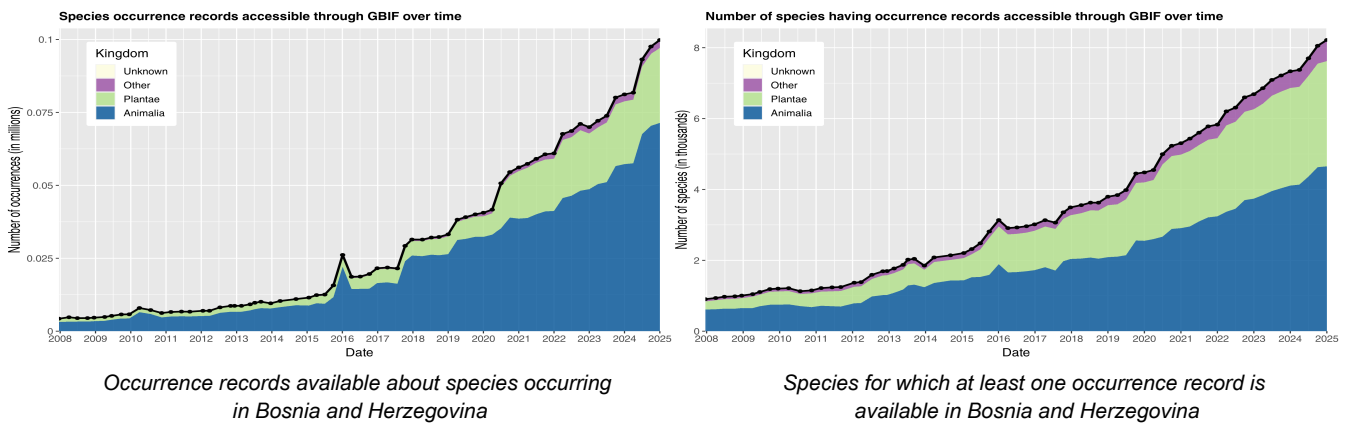
Mammals = Class *Mammalia*
 Birds = Class *Aves*
 Bony fish = Superclass *Osteichthyes* p.p.
 Amphibians = Class *Amphibia*

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 Bosnia and Herzegovina



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 Bosnia and Herzegovina

Podujeva WWTP Project Biodiversity Survey Results. *Published by ENOVA d.o.o. Sarajevo*

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

glacial_lakes_fungal_diversity. *Published by Mycological Society MycoBH*

<https://doi.org/10.15468/c52cdk>

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

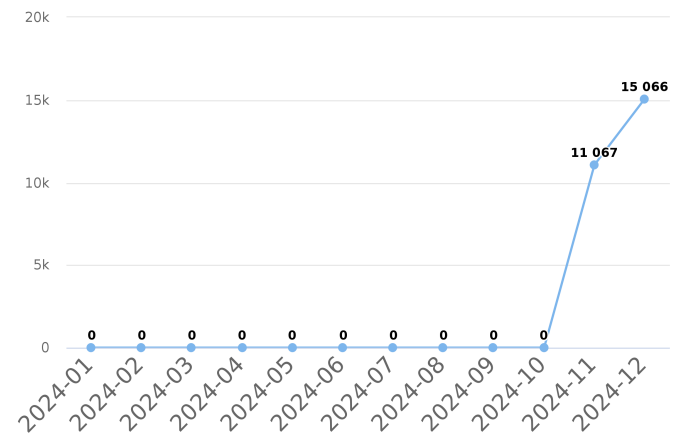
Newest publishers from Bosnia and Herzegovina

ENOVA d.o.o. Sarajevo

Mycological Society MycoBH

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

Occurrence records downloaded from GBIF.org, published by institutions in Bosnia and Herzegovina

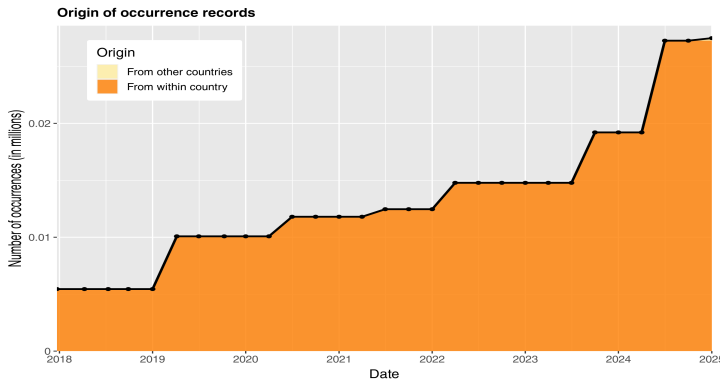


Number of occurrence records downloaded via GBIF.org published by institutions in Bosnia and Herzegovina



Data mobilization

Data sharing with country or area of origin by national institutions in Bosnia and Herzegovina



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Bosnia and Herzegovina

Rank	Country or area	No. of occurrences
1	Bosnia and Herzegovina	27,260
2	Netherlands	19,790
3	United States of America	12,446
4	France	7,430
5	Germany	6,031
6	United Kingdom	5,396
7	Poland	5,195
8	International organization or unknown country	2,753
9	Spain	2,751
10	Austria	2,258

Table 1. Ranking of countries or areas contributing data about Bosnia and Herzegovina

Top datasets contributing data about Bosnia and Herzegovina

- EOD – eBird Observation Dataset. 27,260 occurrences in Bosnia and Herzegovina. (Last updated 27 Sep 2024)
- EBCC Atlas of European Breeding Birds. 9,688 occurrences in Bosnia and Herzegovina. (Last updated 8 Sep 2017)
- iNaturalist Research-grade Observations. 9,635 occurrences in Bosnia and Herzegovina. (Last updated 30 Dec 2024)
- Observation.org, Nature data from around the World. 7,111 occurrences in Bosnia and Herzegovina. (Last updated 3 Jan 2025)
- PI@ntNet automatically identified occurrences. 5,474 occurrences in Bosnia and Herzegovina. (Last updated 8 Feb 2023)

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