GBIF Global Biodiversity Information Facility

Activity report

generated January 2025

Montenegro

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 Montenegro. 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

Montenegro

contributed to

0

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

5

articles since 2008

▸ Data availability in Montenegro

Animalia
108,691
occurrences

Plantae
30,258
occurrences

Fungi
6,544
occurrences

Unknown
511
occurrences

Protozoa
28
occurrences

Bacteria
3,309
occurrences

Virus
122
occurrences

Chromista
657
occurrences

Archaea
9
occurrences

▸ Data mobilization

Institutions from

Montenegro

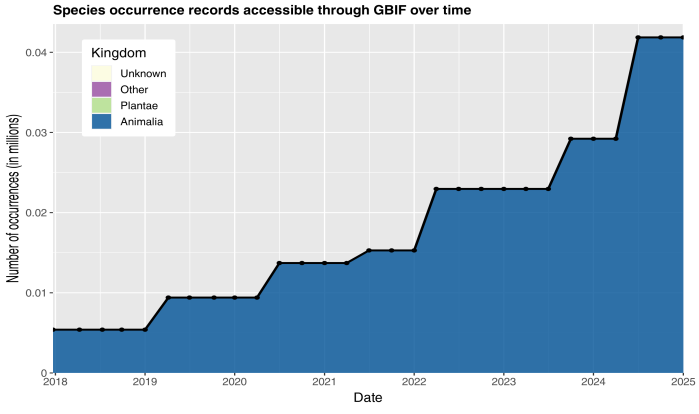
published

12,641

new occurrence records during 2024 out of a total of

428,451,251

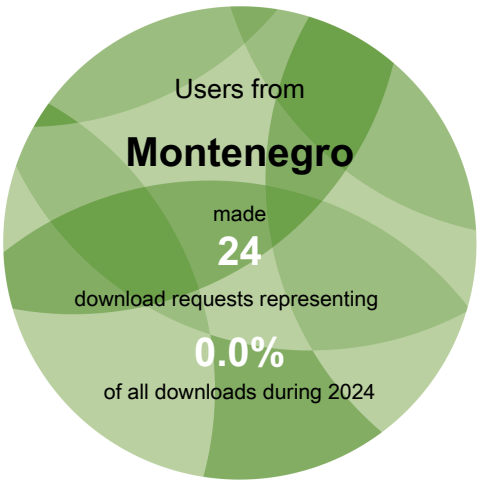
occurrence records added globally to GBIF.org

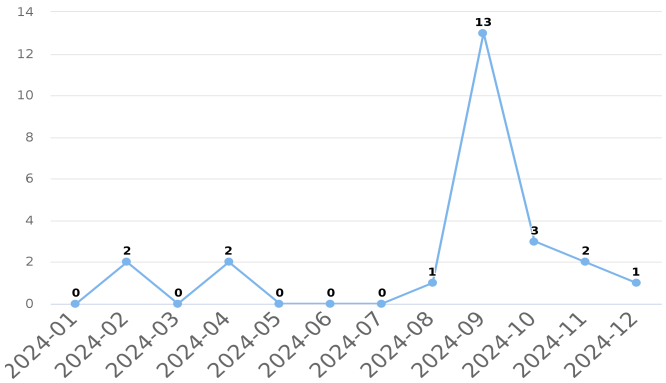


Number of records published by institutions in Montenegro, categorized by kingdom

Access and usage

Data downloads on GBIF.org from users in Montenegro





Monthly downloads requested by users in Montenegro

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

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 Montenegro.

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

Rewicz, Tończyk, Trębicki *et al.* (2023) DNA barcode-based survey documents underestimated diversity and intricate phylogeographic patterns of aquatic Heteroptera in an endangered Balkan biodiversity hotspot: ancient Lake Skadar basin. *Biodiversity and Conservation.* https://doi.org/10.1007/s10531-023-02686-9

Lopes, Andrade, Egartner *et al.* (2023) FRUITFLYRISKMANAGE: A Euphresco project for Ceratitis capitata Wiedemann (Diptera: Tephritidae) risk management applied in some European countries. *EPPO Bulletin.* https://doi.org/10.1111/epp.12922

Wright, Croose, Hunter *et al.* (2023) Can social media be used to inform the distribution of the marbled polecat, Vormela peregusna?. *Mammal Research.* https://doi.org/10.1007/s13364-023-00680-8

Mantas, Varotti, Roveta *et al.* (2022) Mediterranean Sea shelters for the gold coral savalia savaglia (Bertoloni, 1819): An assessment of potential distribution of a rare parasitic species. *Marine Environmental Research.* https://doi.org/10.1016/j.marenvres.2022.105686

ĐORĐEVIĆ1, MAČIĆ, PETOVIĆ. (2021) NEW RECORDS OF RARE SPECIES SPONGIA (SPONGIA) LAMELLA (SCHULZE, 1879) (PORIFERA) IN MONTENE-GRIN COAST. *Studia Marina.*

https://doi.org/10.5281/zenodo.5089910

Data availability

Total data available for selected taxonomic groups in Montenegro

Mammals
2,684
occurrences

Birds
57,493
occurrences

Bony fish
2,909
occurrences

Amphibians
1,066
occurrences

Insects
32,440
occurrences

Reptiles
2,731
occurrences

Molluscs
4,027
occurrences

Arachnids
1,324
occurrences

Flowering plants
27,977
occurrences

Ferns
1,049
occurrences

Gymnosperms
323
occurrences

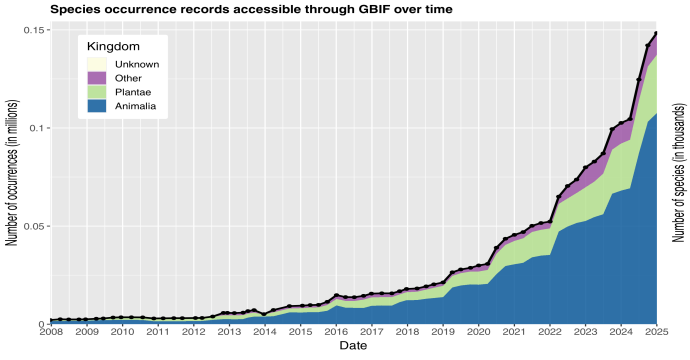
Mosses
462
occurrences

Sac fungi
3,657
occurrences

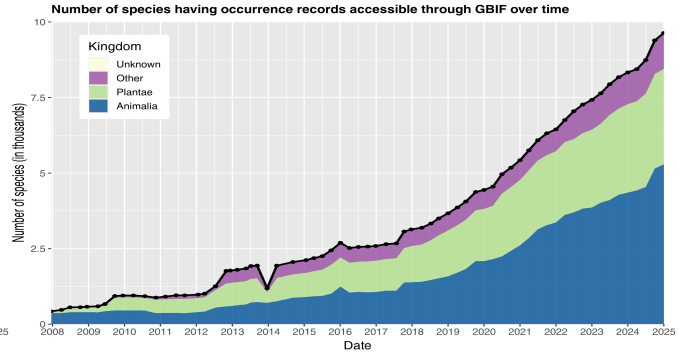
Basidiomycota
2,617
occurrences

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 Montenegro



Occurrence records available about species occurring in Montenegro



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

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 Montenegro

Mammals of Montenegro. *Published by Wildlife Montenegro*
https://doi.org/10.15468/jr2me6

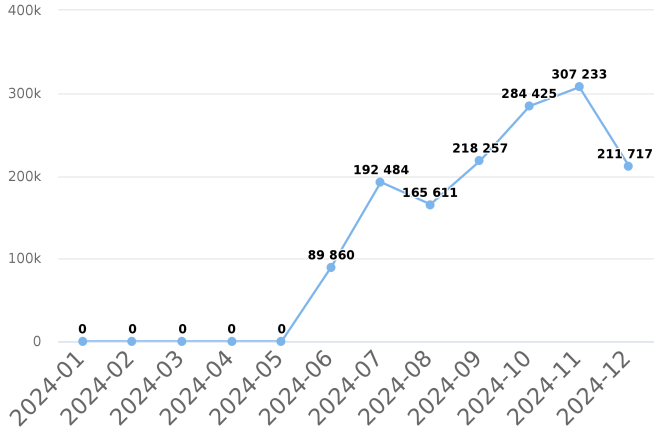
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=ME

Newest publishers from Montenegro

Wildlife Montenegro

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

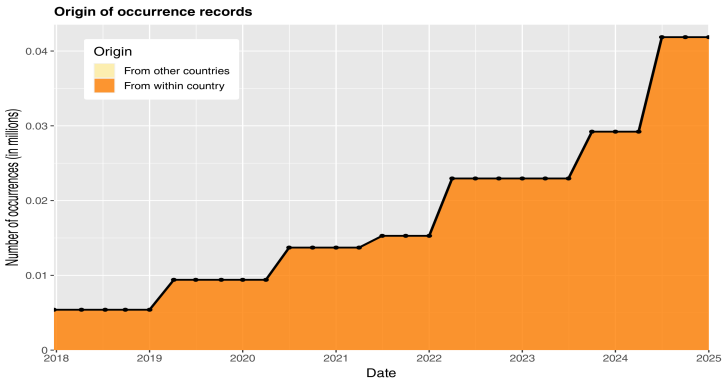
Occurrence records downloaded from GBIF.org, published by institutions in Montenegro

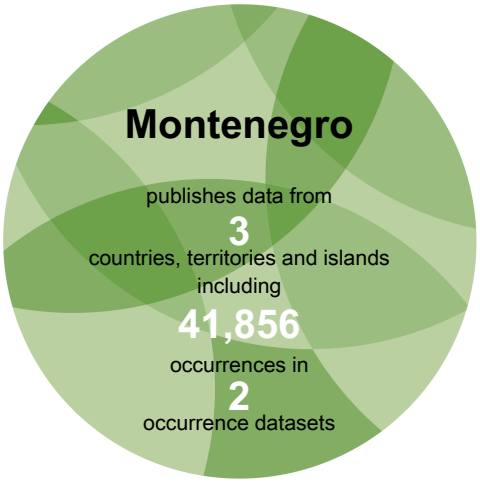


Number of occurrence records downloaded via GBIF.org published by institutions in Montenegro

Data mobilization

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





Data sharing with country or area of origin

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

Top data contributors about biodiversity in Montenegro

Rank	Country or area	No. of occurrences
1	Montenegro	41,842
2	United States of America	24,299
3	Netherlands	21,403
4	International organization or unknown country	16,694
5	United Kingdom	8,684
6	Estonia	6,702
7	Germany	6,073
8	France	5,361
9	Austria	4,384
10	Czechia	2,750

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

Top datasets contributing data about Montenegro

EOD – eBird Observation Dataset. *40,160 occurrences in Montenegro.* (Last updated 27 Sep 2024)

iNaturalist Research-grade Observations. *25,084 occurrences in Montenegro.* (Last updated 30 Dec 2024)

Observation.org, Nature data from around the World. *17,986 occurrences in Montenegro.* (Last updated 3 Jan 2025)

International Barcode of Life project (iBOL). *16,283 occurrences in Montenegro.* (Last updated 7 Aug 2024)

Pl@ntNet automatically identified occurrences. *3,981 occurrences in Montenegro.* (Last updated 8 Feb 2023)

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