



generated January 2025

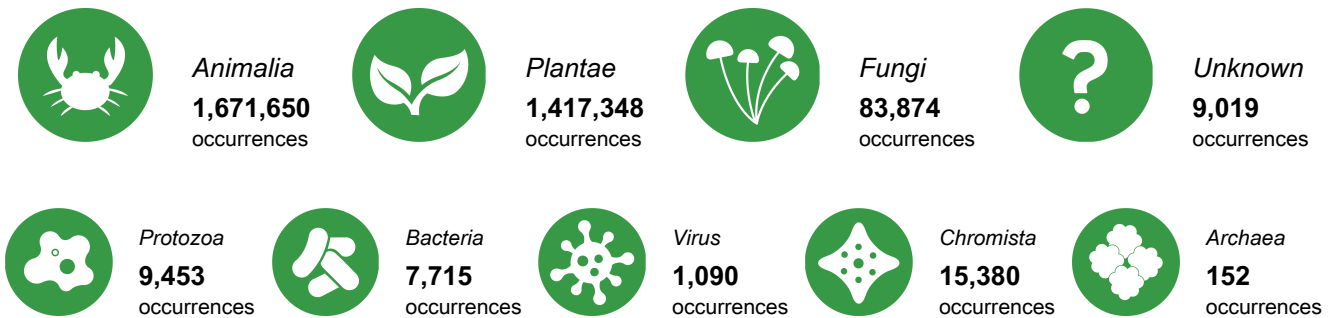
Ukraine

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 Ukraine. 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.

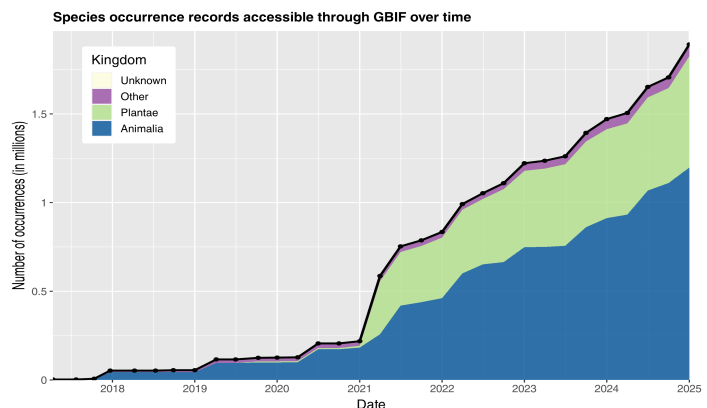
► Access and usage



► Data availability in Ukraine



► Data mobilization

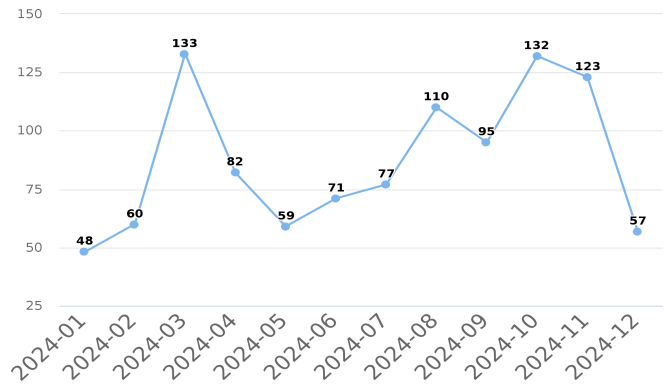


Number of records published by institutions in Ukraine, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Ukraine



Monthly downloads requested by users in Ukraine

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

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 Ukraine.

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

Prylutskyi, Kapets. (2024) State-of-the-Art of iNaturalist as a Source of Data on Ukrainian Fungi. *Citizen Science: Theory and Practice*.
<https://doi.org/10.5334/cstp.717>

Tytar, Kozynenko, Pupins *et al.* (2024) Species Distribution Modeling of *Ixodes ricinus* (Linnaeus, 1758) Under Current and Future Climates, with a Special Focus on Latvia and Ukraine. *Climate*.
<https://doi.org/10.3390/cli12110184>

Novoseltseva. (2024) Analysis of the distribution of *Muscardinus avellanarius* (Rodentia) in Ukraine using the MaxEnt model. *Theriologia Ukrainica*.
<https://doi.org/10.53452/tu2706>

Nekrasova, Lepekha, Pupins *et al.* (2024) Prospects for the Spread of the Invasive Oriental River Prawn *Macrobrachium nipponense*: Potentials and Risks for Aquaculture in Europe. *Water*.
<https://doi.org/10.3390/w16192760>

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

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



Data availability

Total data available for selected taxonomic groups in Ukraine



Mammals
106,748
occurrences



Birds
1,081,254
occurrences



Bony fish
47,186
occurrences



Amphibians
29,418
occurrences



Insects
298,338
occurrences



Reptiles
19,279
occurrences



Molluscs
30,752
occurrences



Arachnids
24,145
occurrences



Flowering plants
1,351,410
occurrences



Ferns
20,421
occurrences



Gymnosperms
13,424
occurrences



Mosses
17,114
occurrences



Sac fungi
47,312
occurrences



Basidiomycota
35,968
occurrences

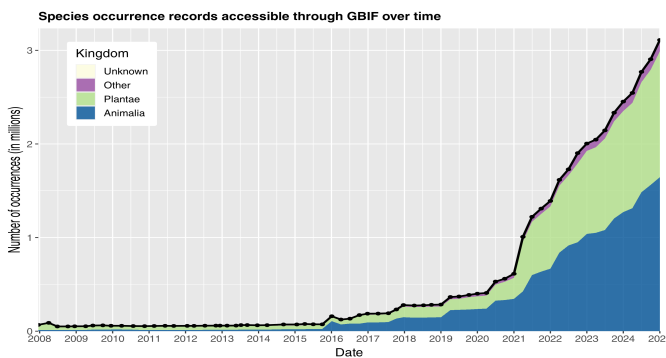
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

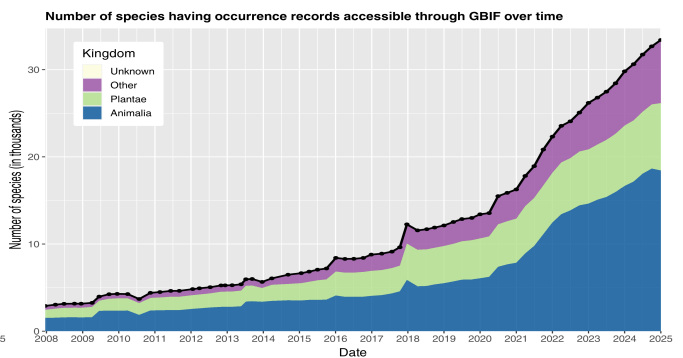
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Ukraine



Occurrence records available about species occurring in Ukraine



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

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 Ukraine

Insects of the Hetman National Nature Park registered in 2024. *Published by Ukrainian Nature Conservation Group (NGO)*
<https://doi.org/10.15468/e4rews>

Fish species in recreational fishing catches in the Zaporizhia (Dnipro) reservoir and in the upper part of the Kaniv reservoir. *Published by Ukrainian Nature Conservation Group (NGO)*
<https://doi.org/10.15468/ztwh6v>

Records of vascular plants at the old cemeteries from the project «Plant diversity and species-area relationships modelling of steppe enclaves within old cemeteries of Northern Prychornomoria region (Northern Black Sea Region) of Southern Ukraine». *Published by Kherson State University*
<https://doi.org/10.15468/bfuu93>

Records of vascular plants from Kurgan-maidan, Cherkasy District, Cherkasy Region (Ukraine). *Published by Kherson State University*
<https://doi.org/10.15468/pwxrep>

The preliminary results of the study of the flora of kurgans in the forest zone of Ukraine. *Published by Kherson State University*
<https://doi.org/10.15468/y2rx8p>

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

Newest publishers from Ukraine

Frankfurt Zoological Society - Ukraine

Azov-Black Sea Ornithological Station

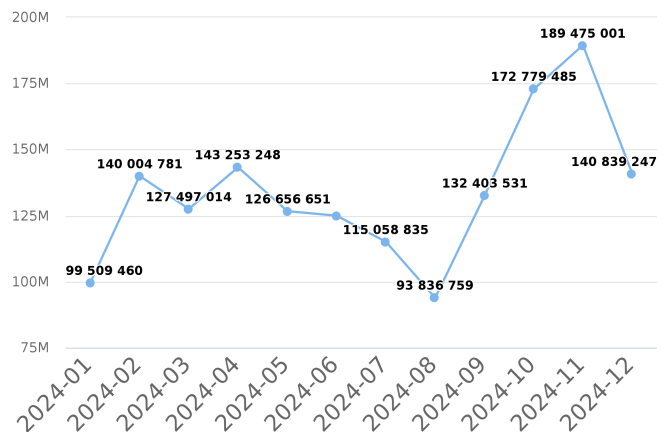
West-Ukrainian Ornithological Society

State Museum of Natural History of the National Academy of Sciences of Ukraine

National Antarctic Scientific Center of Ukraine

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

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

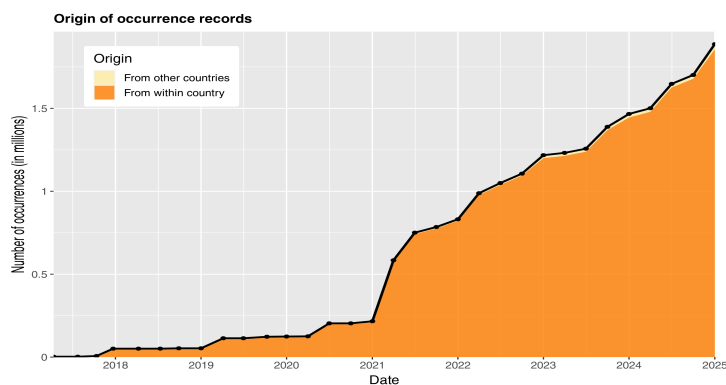


Number of occurrence records downloaded via GBIF.org published by institutions in Ukraine



Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Ukraine

Rank	Country or area	No. of occurrences
1	Ukraine	1,861,624
2	United States of America	798,749
3	Russian Federation	120,835
4	Netherlands	76,531
5	Poland	76,257
6	Estonia	61,082
7	Colombia	43,689
8	International organization or unknown country	36,722
9	France	33,915
10	Israel	29,368

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

Top datasets contributing data about Ukraine

- iNaturalist Research-grade Observations. *820,094 occurrences in Ukraine.* (Last updated 30 Dec 2024)
- EOD – eBird Observation Dataset. *606,209 occurrences in Ukraine.* (Last updated 27 Sep 2024)
- Records of vascular plants, bryophytes and lichens from Ukrainian Grassland Database. *247,027 occurrences in Ukraine.* (Last updated 14 Dec 2024)
- Moscow University Herbarium (MW). *67,381 occurrences in Ukraine.* (Last updated 31 Dec 2024)
- EBCC Atlas of European Breeding Birds. *61,633 occurrences in Ukraine.* (Last updated 8 Sep 2017)

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