



generated January 2025

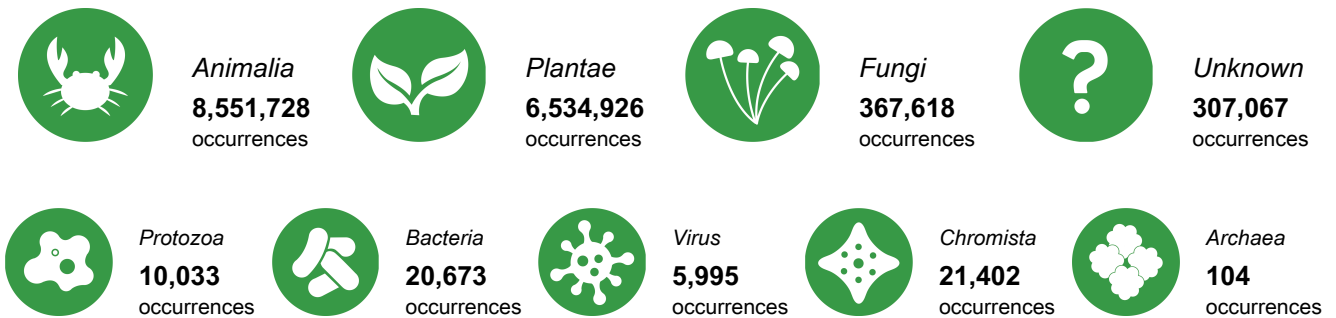
## Poland

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 Poland. 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.

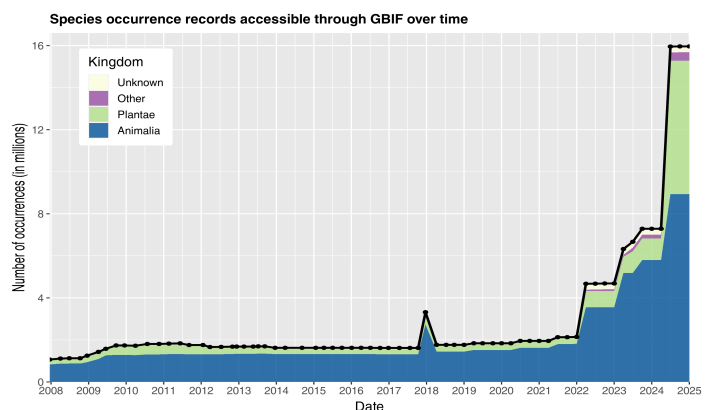
### ► Access and usage



### ► Data availability in Poland



### ► Data mobilization

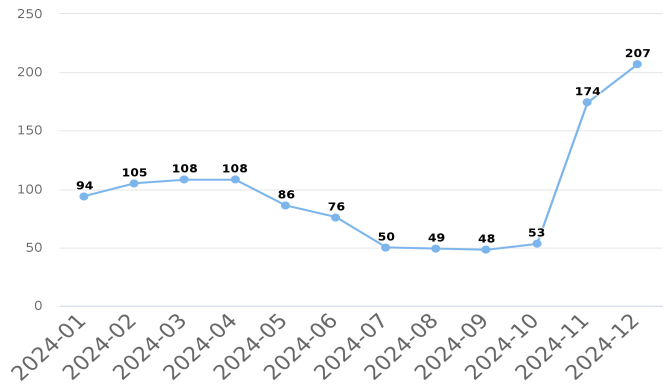
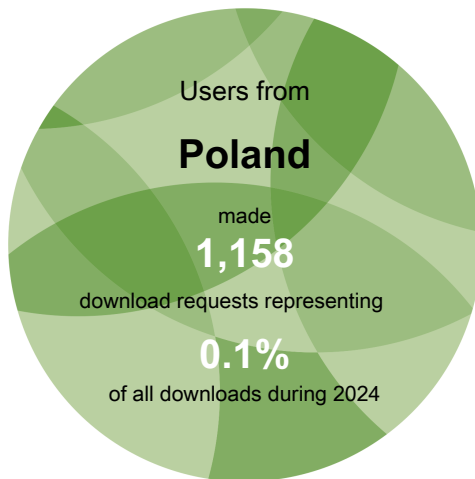


Number of records published by institutions in Poland, categorized by kingdom



## Access and usage

### Data downloads on GBIF.org from users in Poland



Monthly downloads requested by users in Poland

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

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 Poland.

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

Grzeczka, Kulus, Jaśkowski *et al.* (2024) CARA INCHADA – EPIZOOTYCZNE ZAPALENIE PŁYCYZEBRA W BYDŁA I OWIEC. *Żywe Zdobycze*

Krovi, Amer, Oczkowicz *et al.* (2024) Meta-analysis of spatial genetic patterns among European saproxylic beetles. *Biodiversity and Conservation*.  
<https://doi.org/10.1007/s10531-024-02940-8>

Plášek, Číhal, Müller *et al.* (2024) Newly found and rediscovered hornworts (Anthocerotophyta) in Poland: Indicators of climate change impact in Central Europe. *PhytoKeys*.  
<https://doi.org/10.3897/phytokeys.248.134729>

Lapin, Dyderski. (2024) Expanding range of the invasive shrub *Amorpha fruticosa* under changing climate. *Regional Environmental Change*.  
<https://doi.org/10.1007/s10113-024-02310-8>

Journé, Bogdziewicz, Courbaud *et al.* (2024) The Relationship Between Maturation Size and Maximum Tree Size From Tropical to Boreal Climates. *Ecology Letters*.  
<https://doi.org/10.1111/ele.14500>

See all research from this country or area  
[gbif.org/country/PL/publications/from](https://gbif.org/country/PL/publications/from)



## Data availability

### Total data available for selected taxonomic groups in Poland



**Mammals**  
287,011  
occurrences



**Birds**  
5,220,524  
occurrences



**Bony fish**  
269,616  
occurrences



**Amphibians**  
44,194  
occurrences



**Insects**  
1,733,090  
occurrences



**Reptiles**  
14,586  
occurrences



**Molluscs**  
194,066  
occurrences



**Arachnids**  
678,437  
occurrences



**Flowering plants**  
5,728,257  
occurrences



**Ferns**  
201,132  
occurrences



**Gymnosperms**  
131,958  
occurrences



**Mosses**  
398,577  
occurrences



**Sac fungi**  
256,094  
occurrences



**Basidiomycota**  
109,246  
occurrences

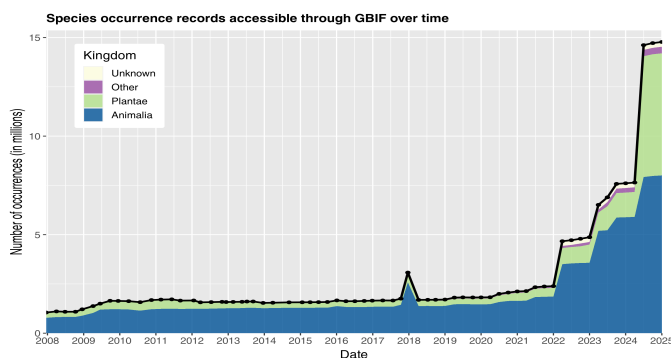
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

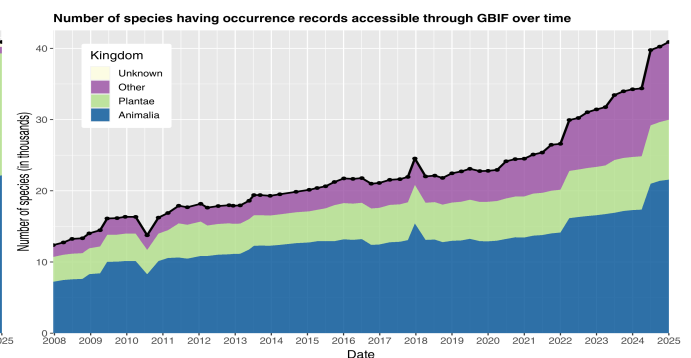
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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

## Change over time in records about biodiversity in Poland



Occurrence records available about species occurring in Poland



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

### 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 Poland

Fungi and fungi-like organisms - 4EU+ Summer School From Fungal Morphology to Genotype, Skryje 2024. *Published by Institute of Evolutionary Biology, University of Warsaw*  
<https://doi.org/10.15468/t53vdw>

Kostrzyca Forest Gene Bank Database. *Published by Kostrzyca Forest Gene Bank, Poland*  
<https://doi.org/10.15468/agadqc>

Checklist of Myxomycetes (Amoebozoa) of the Polish Tatra Mts - source data. *Published by The Polish Botanical Society*  
<https://doi.org/10.15468/33tfu9>

Biodiversity Data Collection Management Analysis Course 2024. *Published by University of Warsaw, Dept. of Ecology*  
<https://doi.org/10.15468/vs3kt5>

Phototrophic Euglenid Research Database. *Published by University of Warsaw, Dept. of Ecology*  
<https://doi.org/10.15468/3w2c42>

URK Plant Distribution Database. *Published by University of Agriculture in Krakow*  
<https://doi.org/10.15468/y9ucp7>

See all datasets from this country or area: [gbif.org/dataset/search?publishing\\_country=PL](https://gbif.org/dataset/search?publishing_country=PL)

## Newest publishers from Poland

Faculty of Biology & Environmental Protection,  
University of Lodz

W. Szafer Institute of Botany, Polish Academy of  
Sciences

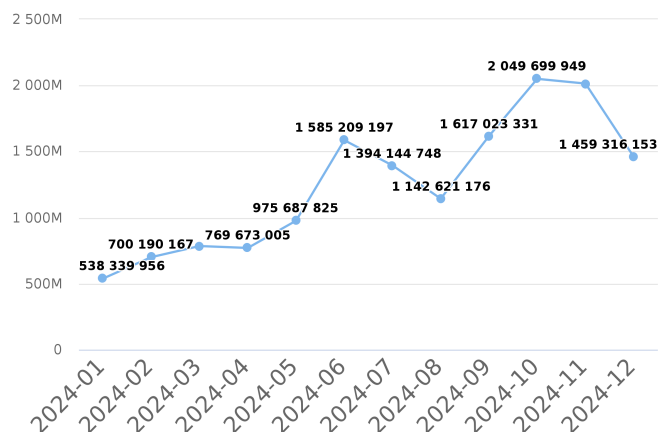
Institute of Oceanology Polish Academy of Sciences

National Marine Fisheries Research Institute

University of Maria Curie-Skłodowska

See all publishers from this country or area  
[gbif.org/publisher/search?country=PL](https://gbif.org/publisher/search?country=PL)

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

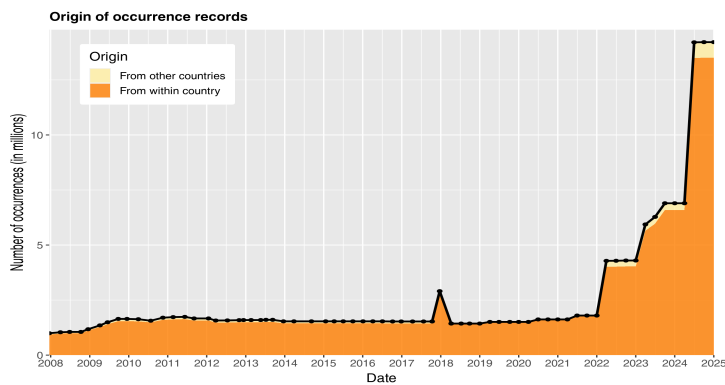


Number of occurrence records downloaded via  
GBIF.org published by institutions in Poland



## Data mobilization

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



Data sharing with country or area of origin



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

### Top data contributors about biodiversity in Poland

Rank	Country or area	No. of occurrences
1	Poland	14,542,627
2	United States of America	535,076
3	Netherlands	182,108
4	France	179,629
5	Germany	106,130
6	United Kingdom	60,340
7	Estonia	48,403
8	International organization or unknown country	39,961
9	Colombia	19,852
10	Belgium	19,798

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

### Top datasets contributing data about Poland

- University of Wrocław - Plant Vegetation Database. *4,500,739 occurrences in Poland.* (Last updated 21 May 2024)
- EOD – eBird Observation Dataset. *2,134,174 occurrences in Poland.* (Last updated 27 Sep 2024)
- Natural History Collections of the Faculty of Biology AMU. *1,962,754 occurrences in Poland.* (Last updated 16 Sep 2022)
- Historical Ringing Data of Birds with Polish Rings. *1,611,920 occurrences in Poland.* (Last updated 23 May 2024)
- Ringing Data from the Bird Migration Research Station, University of Gdańsk. *668,252 occurrences in Poland.* (Last updated 14 Dec 2022)

See all contributing countries and areas or datasets: [gbif.org/country/PL/about](https://gbif.org/country/PL/about)



## Poland participates in the following projects coordinated by GBIF

### AI for specimen labels

*Capacity Enhancement Support Programme, 2024–2025*

<https://www.gbif.org/project/CESP2024-016>

### Capacity building through regional cooperation for data mobilization in Belarus, Latvia and Lithuania

*Capacity Enhancement Support Programme, 2020–2022*

By focusing on specimen collections and bibliography, this project aims to reach deep into regional biodiversity studies, including Polish and Russian legacy data

<https://www.gbif.org/project/9BKeb7ka92YPFUjhwv4UL>

See all GBIF projects

[gbif.org/resource/search?contentType=project](https://www.gbif.org/resource/search?contentType=project)