

generated January 2026

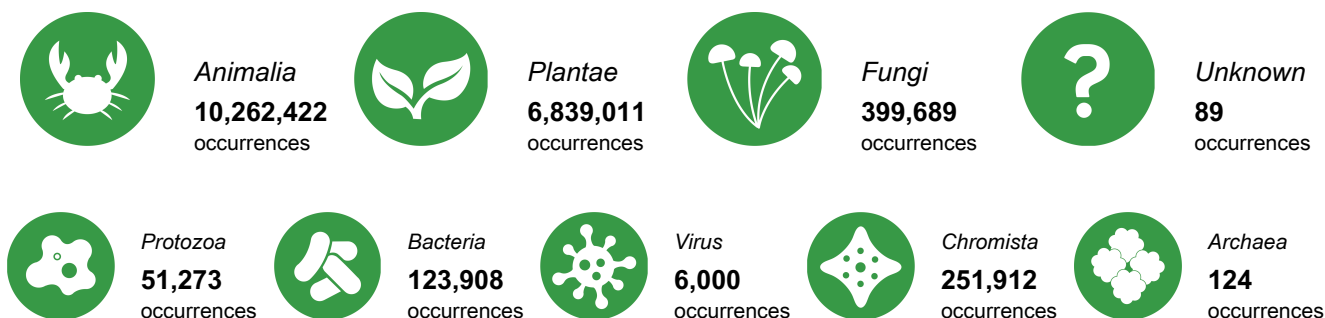
Poland

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.

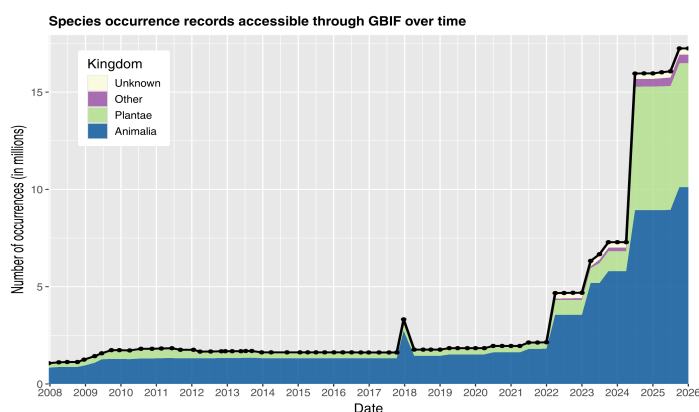
► Access and usage



► Data availability in Poland



► Data mobilization

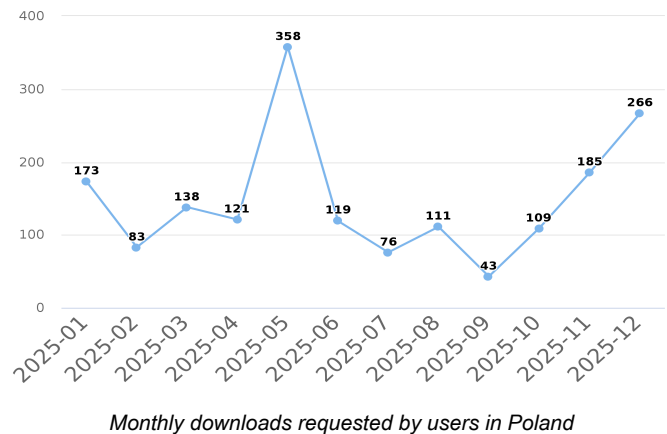
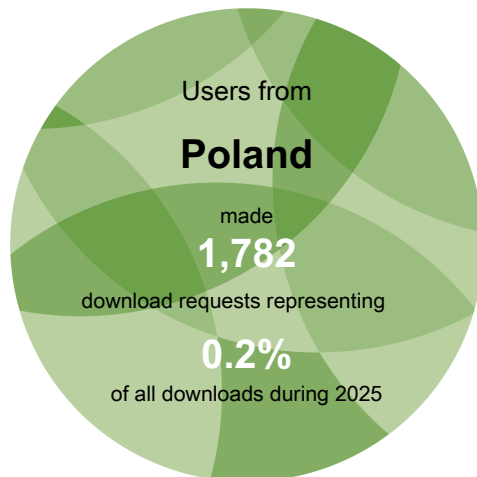


Number of records published by institutions in Poland,
categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Poland



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.

Naczek, Wilhelm, Jakubská-Busse *et al.* (2025) Climate change-driven northward expansion of the mediterranean orchid *Ophrys apifera* from genetic and ecological perspectives. *Scientific Reports*.
<https://doi.org/10.1038/s41598-025-15167-6>

Lee, Kanturski, Kim *et al.* (2025) First record and integrative analysis of the invasive aphid *Cinara pilicornis* in South Korea. *Scientific Reports*.
<https://doi.org/10.1038/s41598-025-12656-6>

Łukaszyk, Kwiecień, Szopa. (2024) Traditional Uses, Bioactive Compounds, and New Findings on Pharmacological, Nutritional, Cosmetic and Biotechnology Utility of *Capsella bursa-pastoris*. *Nutrients*.
<https://doi.org/10.3390/nu16244390>

Tasenkevich, Skrypec, Seniv *et al.* (2025) Biodiversity of high-mountain woody plants in the Eastern Carpathians in Ukraine – continuation. *Dendrobiology*.
<https://doi.org/10.12657/denbio.094.002>

Pittet, Kosiński, Wagner *et al.* (2025) Niche expansion of polyploid cytotypes shaped the phylogeographical history of the *Salix retusa* complex in the European Alpine System. *Annals of Botany*.
<https://doi.org/10.1093/aob/mcaf163>

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



Data availability

Total data available for selected taxonomic groups in Poland



Mammals
293,990
occurrences



Birds
6,452,203
occurrences



Bony fish
441,185
occurrences



Amphibians
47,087
occurrences



Insects
1,861,728
occurrences



Reptiles
16,785
occurrences



Molluscs
222,376
occurrences



Arachnids
691,839
occurrences



Flowering plants
5,912,548
occurrences



Ferns
206,081
occurrences



Gymnosperms
133,318
occurrences



Mosses
409,972
occurrences



Sac fungi
268,049
occurrences



Basidiomycota
126,123
occurrences

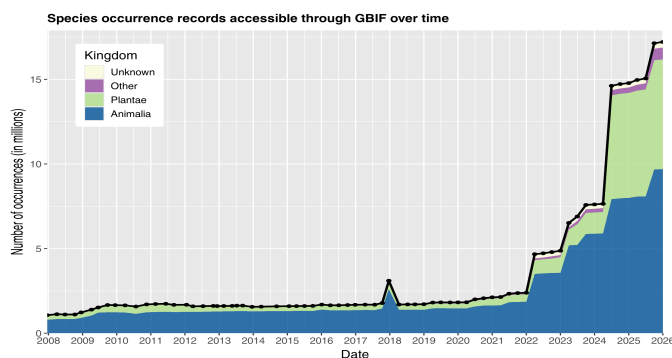
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

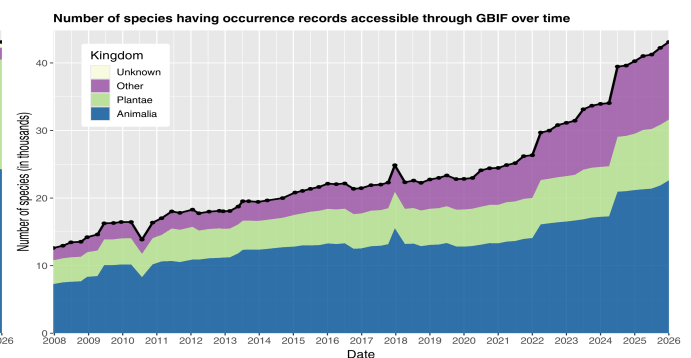
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

- Fungal Inventarisation Urwitałt - KBMikro 2024/2025 Project. *Published by University of Warsaw*
<https://doi.org/10.15468/ry3gbv>
- Arctic aphids - Acyrthosiphon svalbardicum, Macrosiphum calvulum, and Pemphigus populiglobuli.
Published by University of Silesia in Katowice
<https://doi.org/10.15468/u5p5mk>
- Natural History Monographs of the Upper Silesian Museum – data from monographs. *Published by Upper Silesian Museum, Bytom*
<https://doi.org/10.15468/e636dz>
- Myrmica scabrinodis and its ectoparasite Rickia wasmannii (Ruczaj, Kraków, Poland 2022). *Published by University of Warsaw*
<https://doi.org/10.15468/7nwk9t>
- Fungi and fungi-like organisms - 4EU+ Summer School From Fungal Morphology to Genotype, Białowieża 2025. *Published by University of Warsaw*
<https://doi.org/10.15468/qbg56j>
- Copepoda of springs NE Poland. *Published by University of Białystok*
<https://doi.org/10.15468/qvm8xj>

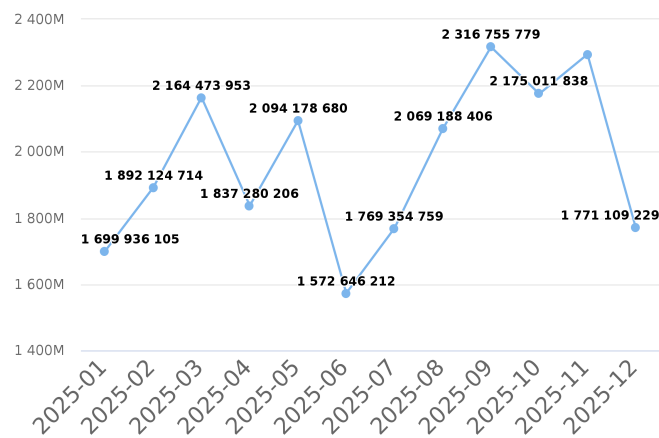
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=PL

Newest publishers from Poland

- National Veterinary Research Institute
- University of Łódź
- W. Szafer Institute of Botany, Polish Academy of Sciences (IB PAN)
- Institute of Oceanology, Polish Academy of Sciences (IO PAN)
- National Marine Fisheries Research Institute

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

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

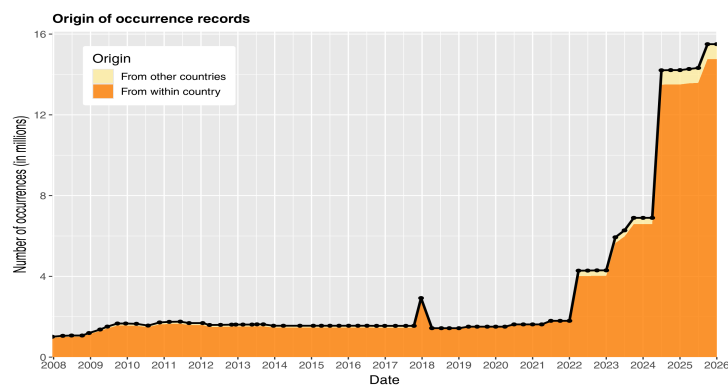


Number of occurrence records downloaded via GBIF.org published by institutions in Poland



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	15,800,984
2	United States of America	856,896
3	Belgium	590,988
4	Netherlands	200,155
5	France	196,427
6	Denmark	171,116
7	Germany	125,413
8	United Kingdom	76,033
9	International organization or unknown country	57,489
10	Sweden	49,113

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

Top datasets contributing data about Poland

Polish Vegetation Database. *4,500,739 occurrences in Poland.* (Last updated 14 Jul 2025)

EOD – eBird Observation Dataset. *3,308,588 occurrences in Poland.* (Last updated 29 Oct 2025)

Natural History Collections of the Faculty of Biology AMU. *1,964,505 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)

iNaturalist Research-grade Observations. *808,483 occurrences in Poland.* (Last updated 31 Dec 2025)

See all contributing countries and areas or datasets: 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)