

generated January 2025

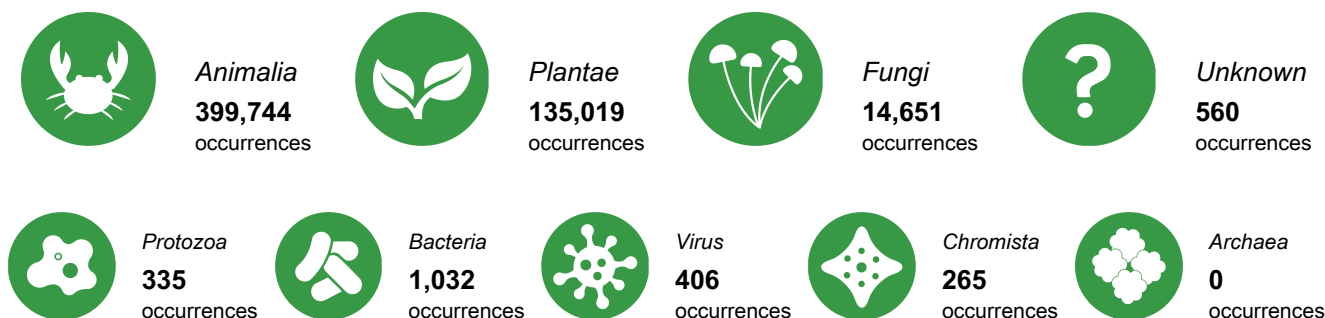
## Belarus

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 Belarus. 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.

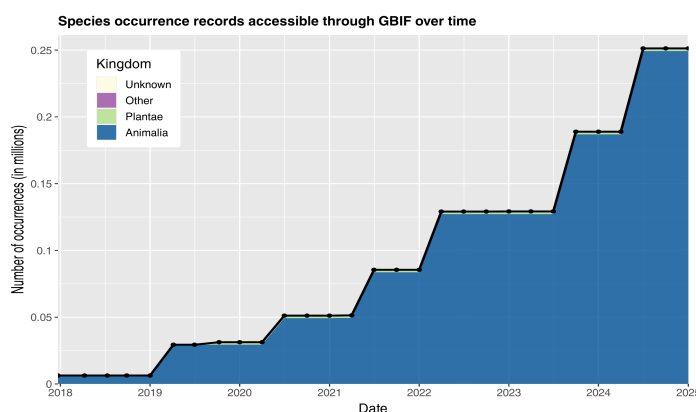
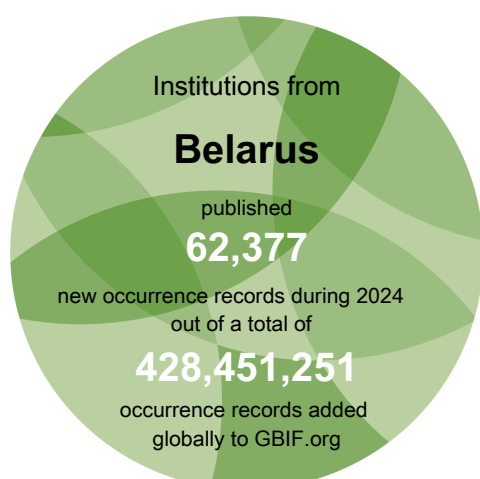
### ► Access and usage



### ► Data availability in Belarus



### ► Data mobilization

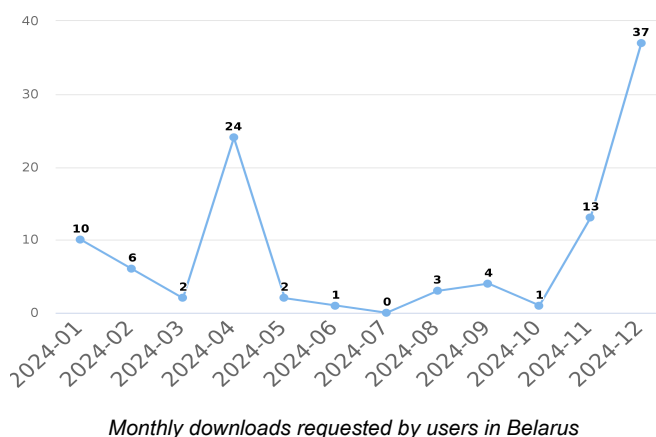
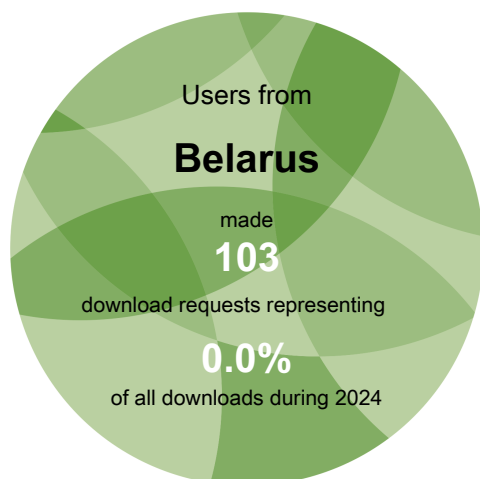


Number of records published by institutions in Belarus,  
categorized by kingdom



## Access and usage

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



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

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 Belarus.

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).

Vikhrev, Bolotov, Gofarov *et al.* (2024) Environmental niche modelling of the Chinese pond mussel invasion in Europe under climate change scenarios. *Ecologica Montenegrina*.  
<https://doi.org/10.37828/em.2024.72.20>

Sennikov, Tikhomirov. (2024) Atlas Florae Europaeae notes, 34. Distributions and two conservation profiles of East European species of the *Cytisus ratisbonensis* group (Fabaceae). *Biodiversity Data Journal*.  
<https://doi.org/10.3897/bdj.12.e118034>

Zviagintsev, Prokhorova, Surina *et al.* (2023) GLOBAL RISKS OF BIOLOGICAL INVASIONS OF PHYTOPATHOGENIC ORGANISMS AND IMPROVEMENT OF THE QUARANTINE MONITORING SYSTEM USING COMPUTER MODELING. *Reliability: Theory & Applications*.

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>

Vada, Illanas, Acevedo *et al.* (2023) Feral American mink *Neogale vison* continues to expand its European range: time to harmonise population monitoring and coordinate control. *Mammal Review*.  
<https://doi.org/10.1111/mam.12315>

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



## Data availability

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



**Mammals**  
**2,772**  
occurrences



**Birds**  
**331,185**  
occurrences



**Bony fish**  
**525**  
occurrences



**Amphibians**  
**3,487**  
occurrences



**Insects**  
**50,845**  
occurrences



**Reptiles**  
**782**  
occurrences



**Molluscs**  
**2,121**  
occurrences



**Arachnids**  
**3,756**  
occurrences



**Flowering plants**  
**124,784**  
occurrences



**Ferns**  
**2,954**  
occurrences



**Gymnosperms**  
**2,346**  
occurrences



**Mosses**  
**3,278**  
occurrences



**Sac fungi**  
**4,516**  
occurrences



**Basidiomycota**  
**9,643**  
occurrences

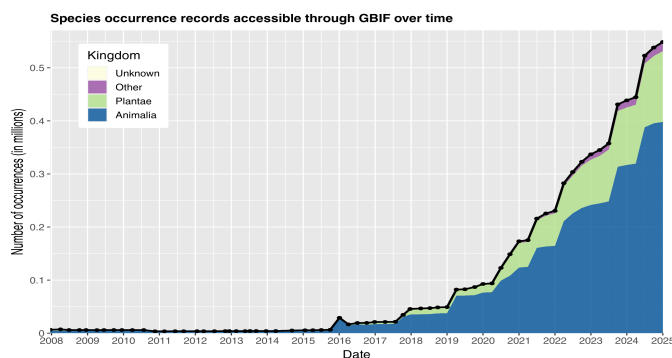
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

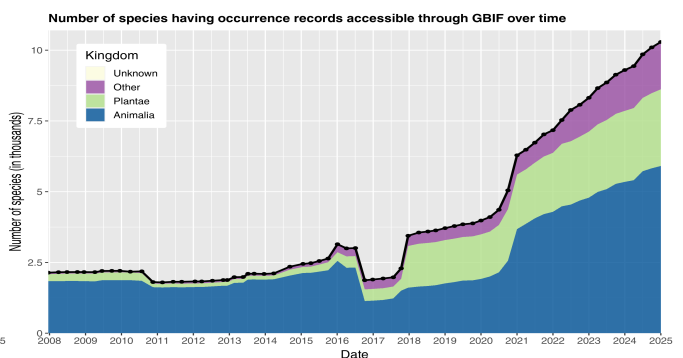
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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

### Change over time in records about biodiversity in Belarus



Occurrence records available about species occurring in Belarus



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

#### 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 Belarus

Species composition of the private dendrological collection of Leonid Zhitenev (Telechany, Belarus).  
*Published by The Scientific and Practical Center of the National academy of Sciences of Belarus for Biological Resources*  
<https://doi.org/10.15468/yx9tss>

Insecta (Hymenoptera, Hemiptera, Coleoptera) of biological reserve of republican significance Podzady, Minsk region, Belarus. *Published by The Scientific and Practical Center of the National academy of Sciences of Belarus for Biological Resources*  
<https://doi.org/10.15468/5ya57x>

Gall inducers of Belarus. *Published by The Scientific and Practical Center of the National academy of Sciences of Belarus for Biological Resources*  
<https://doi.org/10.15468/f9ruqb>

Taxonomic diversity of true bugs (Hemiptera: Heteroptera) in open biotopes along power lines. *Published by The Scientific and Practical Center of the National academy of Sciences of Belarus for Biological Resources*  
<https://doi.org/10.15468/v5adrf>

The jumping plant-lice (Hemiptera: Psylloidea) of Belarus. *Published by The Scientific and Practical Center of the National academy of Sciences of Belarus for Biological Resources*  
<https://doi.org/10.15468/ftpsh>

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

## Newest publishers from Belarus

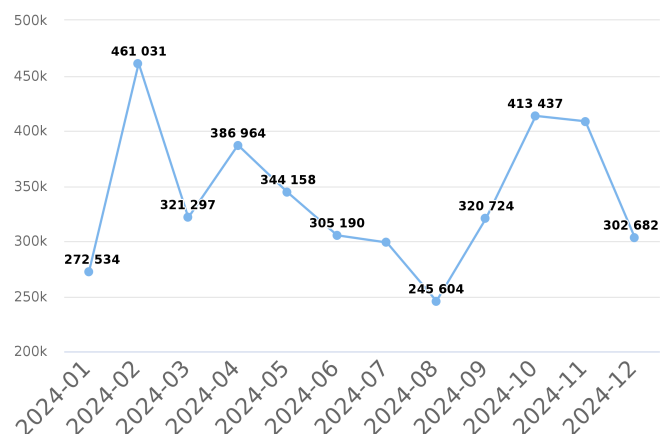
Central Botanical garden of NAS Belarus

State Environmental Institution National Park Braslav lakes

The Scientific and Practical Center of the National academy of Sciences of Belarus for Biological Resources

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

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

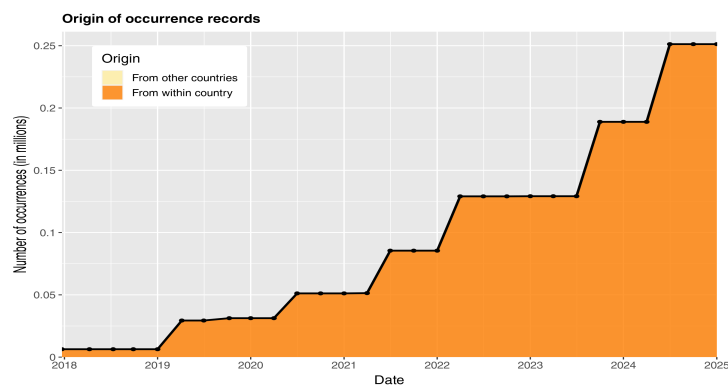


Number of occurrence records downloaded via GBIF.org published by institutions in Belarus

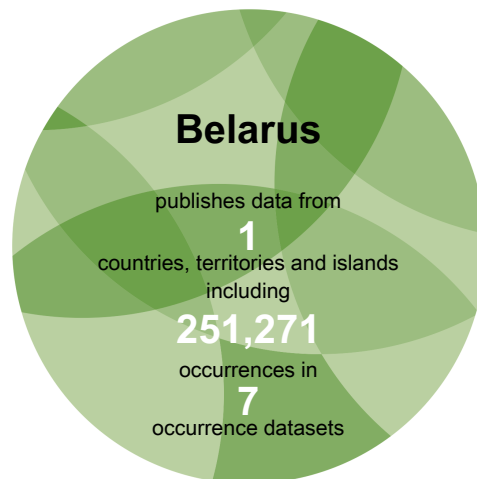


## Data mobilization

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



Data sharing with country or area of origin



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

### Top data contributors about biodiversity in Belarus

Rank	Country or area	No. of occurrences
1	Belarus	251,271
2	United States of America	155,729
3	Netherlands	43,136
4	Estonia	28,111
5	Russian Federation	18,442
6	International organization or unknown country	18,434
7	Poland	9,992
8	France	8,247
9	Germany	4,197
10	Ukraine	3,981

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

### Top datasets contributing data about Belarus

EOD – eBird Observation Dataset. 248,852 occurrences in Belarus. (Last updated 27 Sep 2024)

iNaturalist Research-grade Observations. 157,406 occurrences in Belarus. (Last updated 30 Dec 2024)

BirdMap Data - GPS tracking of Storks, Cranes and birds of prey, breeding in Northern and Eastern Europe. 21,867 occurrences in Belarus. (Last updated 16 Jul 2024)

Observation.org, Nature data from around the World. 21,487 occurrences in Belarus. (Last updated 3 Jan 2025)

EBCC Atlas of European Breeding Birds. 20,976 occurrences in Belarus. (Last updated 8 Sep 2017)

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



## Belarus participates in the following projects coordinated by GBIF

### 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)