GBIF Global Biodiversity Information Facility

Activity report

generated January 2025

Lithuania

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 Lithuania. 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

Lithuania

contributed to

5

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

21

articles since 2008

▸ Data availability in Lithuania

Animalia
954,122
occurrences

Plantae
117,350
occurrences

Fungi
171,615
occurrences

Unknown
3,075
occurrences

Protozoa
1,135
occurrences

Bacteria
1,339
occurrences

Virus
1,030
occurrences

Chromista
6,873
occurrences

Archaea
0
occurrences

▸ Data mobilization

Institutions from

Lithuania

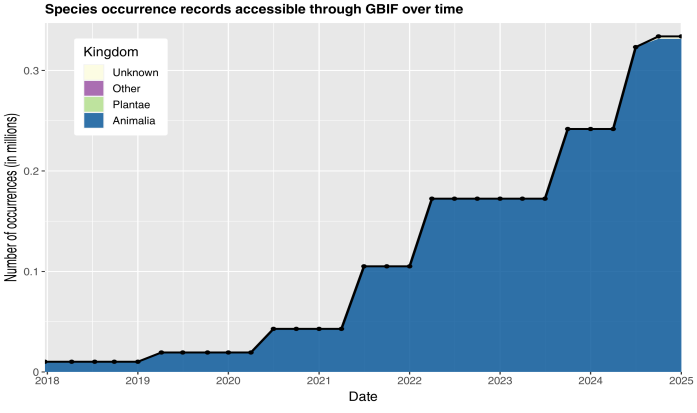
published

92,128

new occurrence records during 2024 out of a total of

428,451,251

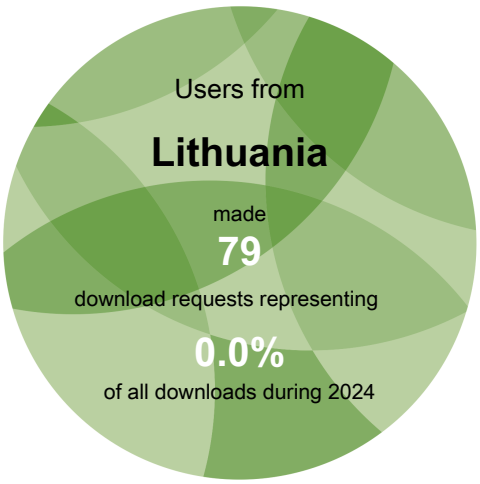
occurrence records added globally to GBIF.org

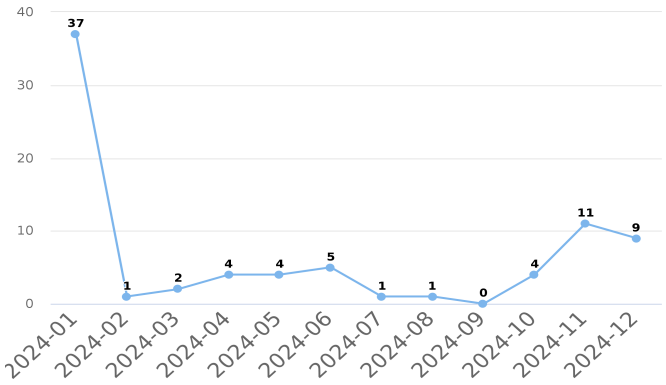


Number of records published by institutions in Lithuania, categorized by kingdom

Access and usage

Data downloads on GBIF.org from users in Lithuania





Monthly downloads requested by users in Lithuania

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

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 Lithuania.

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

Kessous, Farooq, Testo *et al.* (2024) New insights into the classification, diversification, and evolutionary dynamics of bromeliads. *Botanical Journal of the Linnean Society.* https://doi.org/10.1093/botlinnean/boae074

Labokas, Lisajevičius, Uogintas *et al.* (2024) Enhancing In Situ Conservation of Crop Wild Relatives for Food and Agriculture in Lithuania. *Agronomy.* https://doi.org/10.3390/agronomy14092126

Degtjarenko, Kaupuža, Motiejūnaitė *et al.* (2024) Toward the first Red List of Latvian lichens according to the IUCN criteria. *Plant Biosystems - An International Journal Dealing with all Aspects of Plant Biology.* https://doi.org/10.1080/11263504.2024.2399056

Robbe, Rogge, Lesutienė *et al.* (2024) Assessment of Ecosystem Services Provided by Macrophytes in Southern Baltic and Southern Mediterranean Coastal Lagoons. *Environmental Management.* https://doi.org/10.1007/s00267-024-01955-9

Lopes-Lima, Geist, Egg *et al.* (2024) Integrative phylogenetic, phylogeographic and morphological characterisation of the Unio crassus species complex reveals cryptic diversity with important conservation implications. *Molecular Phylogenetics and Evolution.* https://doi.org/10.1016/j.ympev.2024.108046

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

Data availability

Total data available for selected taxonomic groups in Lithuania

Mammals
2,987
occurrences

Birds
413,736
occurrences

Bony fish
1,265
occurrences

Amphibians
1,750
occurrences

Insects
512,629
occurrences

Reptiles
1,081
occurrences

Molluscs
5,429
occurrences

Arachnids
5,094
occurrences

Flowering plants
103,874
occurrences

Ferns
1,977
occurrences

Gymnosperms
1,648
occurrences

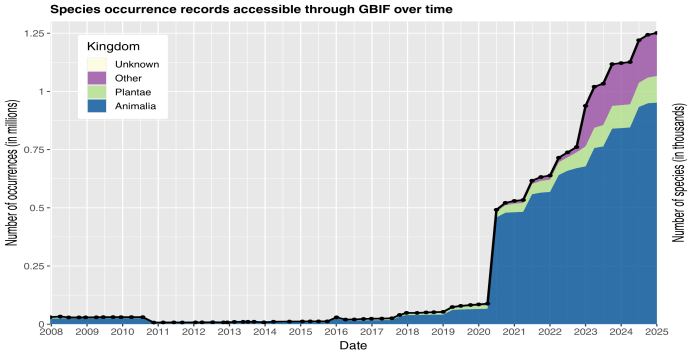
Mosses
6,087
occurrences

Sac fungi
60,373
occurrences

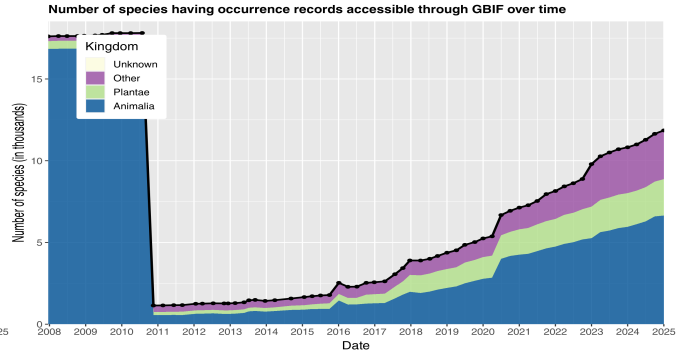
Basidiomycota
89,088
occurrences

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 Lithuania



Occurrence records available about species occurring in Lithuania



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

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 Lithuania

Bee (Hymenoptera) Collection from Lithuania. *Published by Kaunas Tadas Ivanauskas Museum of Zoology*
https://doi.org/10.15468/ff7ye8

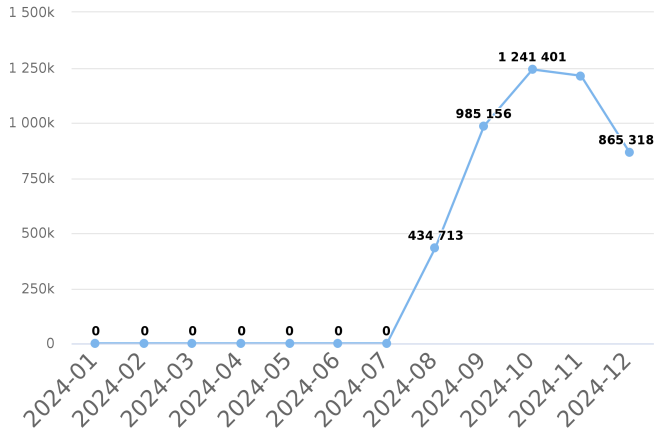
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=LT

Newest publishers from Lithuania

Kaunas Tadas Ivanauskas Museum of Zoology

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

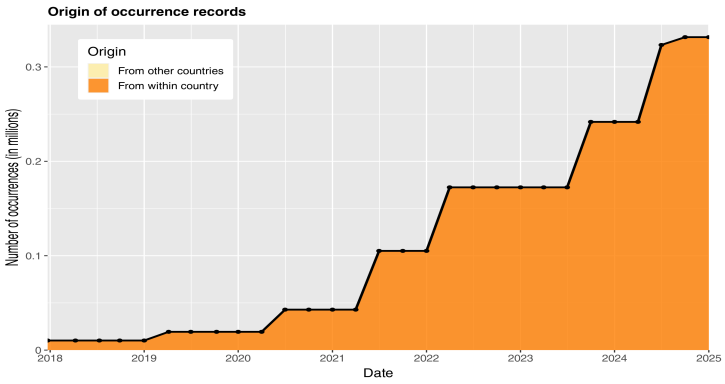
Occurrence records downloaded from GBIF.org, published by institutions in Lithuania

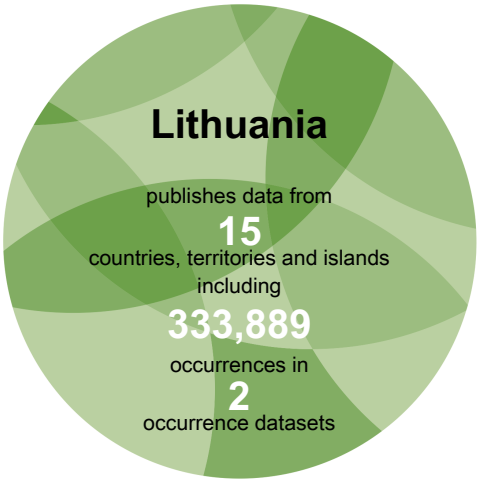


Number of occurrence records downloaded via GBIF.org published by institutions in Lithuania

Data mobilization

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





Data sharing with country or area of origin

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

Top data contributors about biodiversity in Lithuania

Rank	Country or area	No. of occurrences
1	Denmark	439,435
2	Lithuania	331,328
3	United States of America	201,341
4	Estonia	199,183
5	Netherlands	36,013
6	Poland	8,521
7	France	7,924
8	Spain	7,425
9	Finland	5,808
10	United Kingdom	5,414

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

Top datasets contributing data about Lithuania

Lithuanian Lepidoptera and Odonata. *439,012 occurrences in Lithuania.* (Last updated 17 Feb 2023)

EOD – eBird Observation Dataset. *323,250 occurrences in Lithuania.* (Last updated 27 Sep 2024)

iNaturalist Research-grade Observations. *197,871 occurrences in Lithuania.* (Last updated 30 Dec 2024)

Global soil organisms. *166,642 occurrences in Lithuania.* (Last updated 27 Feb 2023)

BirdMap Data - GPS tracking of Storks, Cranes and birds of prey, breeding in Northern and Eastern Europe. *24,446 occurrences in Lithuania.* (Last updated 16 Jul 2024)

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