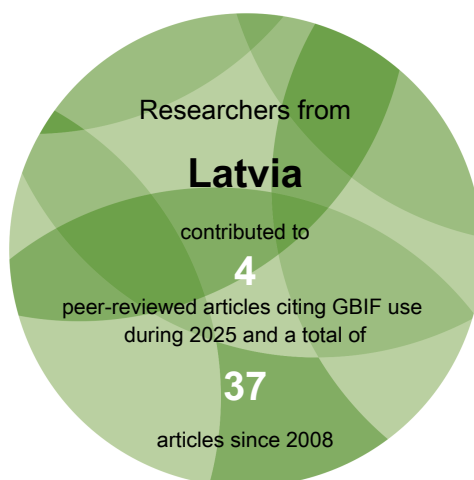


generated January 2026

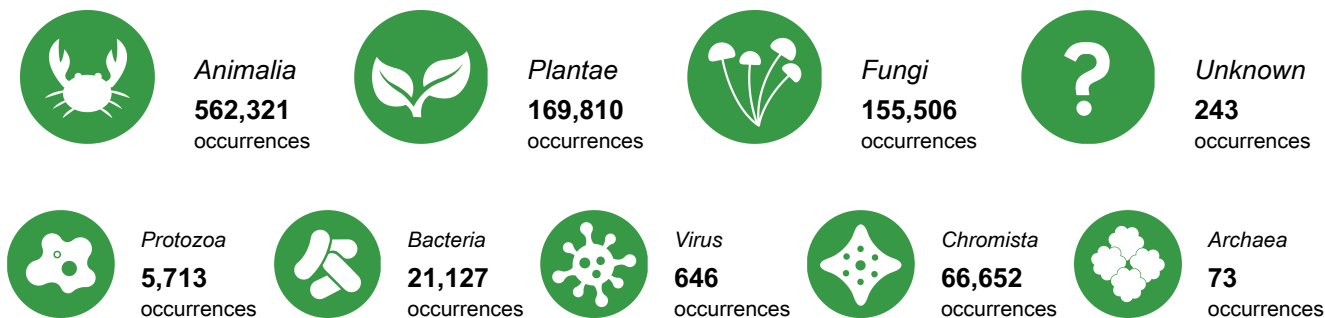
Latvia

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 Latvia. 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.

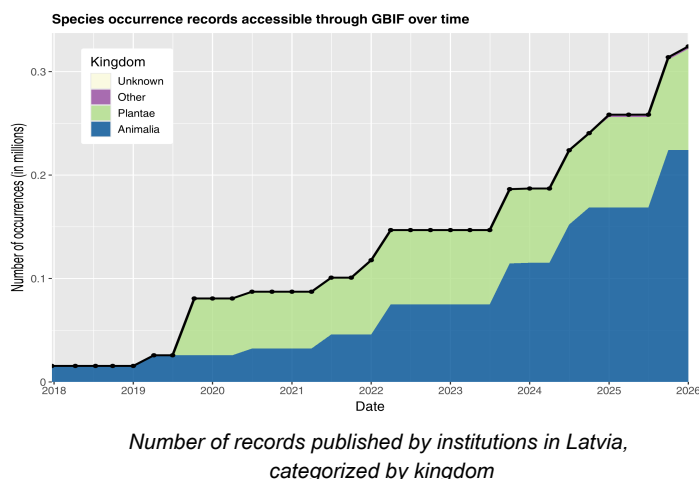
► Access and usage



► Data availability in Latvia



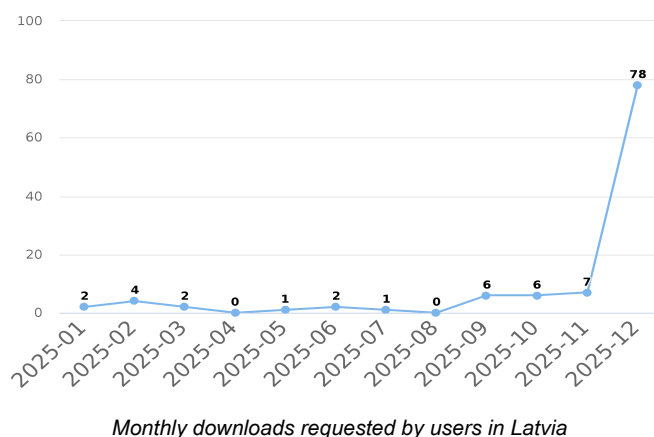
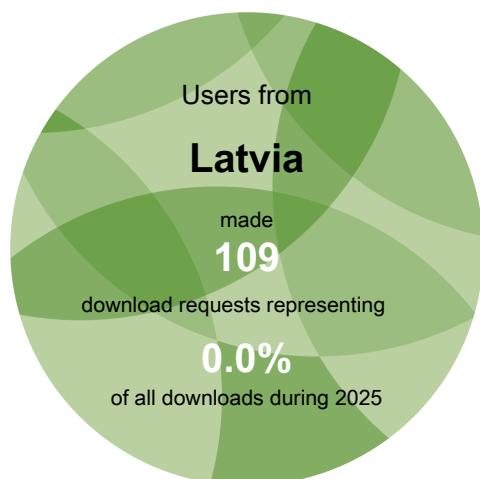
► Data mobilization





Access and usage

Data downloads on GBIF.org from users in Latvia



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

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 Latvia.

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

Lončarević, Liu, Stefanaki *et al.* (2024) Database of European vascular plants red lists as a contribution to more coherent plant conservation. *Scientific Data*.
<https://doi.org/10.1038/s41597-024-03963-0>

Klisz, Puchalka, Gławenda *et al.* (2025) Temperature-driven shifts in spatiotemporal stability of climate-growth responses of Douglas-fir (*Pseudotsuga menziesii*) from the southern Baltic Sea region. *Agricultural and Forest Meteorology*.
<https://doi.org/10.1016/j.agrformet.2025.110628>

Balodis, Starka, Telnov. (2025) The northernmost known observation of *Myrmecophilus acervorum* and the first records of Myrmecophilidae (Orthoptera, Ensifera) from Latvia. *Journal of Orthoptera Research*.
<https://doi.org/10.3897/jor.34.138202>

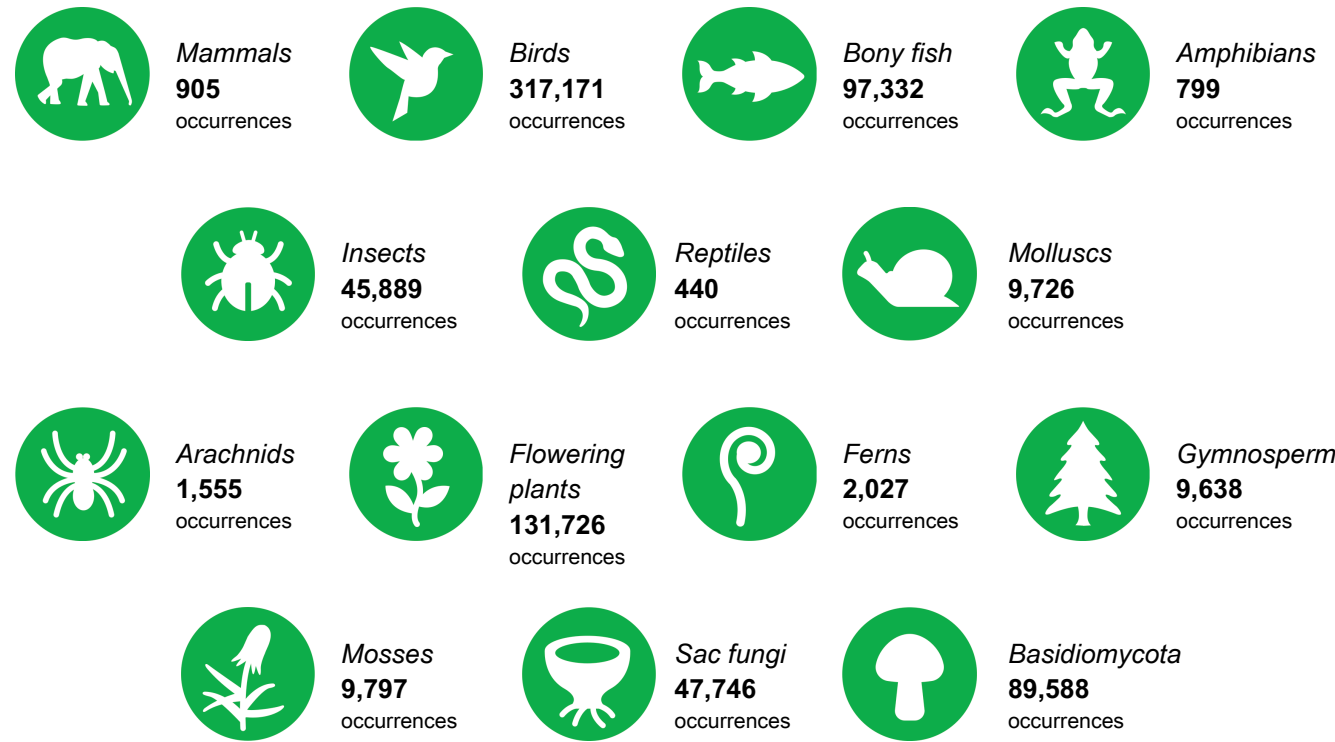
Krasovska, Pupins, Čeirāns *et al.* (2025) River networks as ecological hotspots and corridors for invasive and aquaculture species: long-term bioclimatic modeling in Latvia. *Proceedings of the 16th International Scientific and Practical Conference*.

Balodis, Telnov. (2024) PERILAMPUS AENEUS (ROSSIUS, 1790) (HYMENOPTERA: PERILAMPIDAE) CONFIRMED IN LATVIA AND THE BALTIC STATES FOR THE FIRST TIME IN A CENTURY. *Acta Biologica Universitatis Daugavpiliensis*.



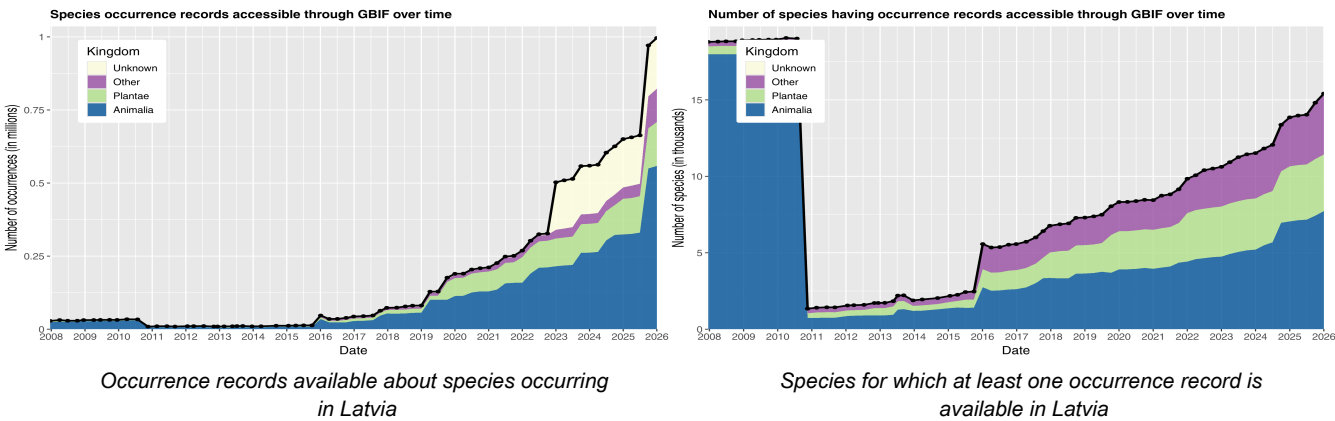
Data availability

Total data available for selected taxonomic groups in Latvia



Mammals = Class <i>Mammalia</i>	Insects = Class <i>Insecta</i>	Arachnids = Class <i>Arachnida</i>	Ferns = Phylum <i>Pteridophyta</i>
Birds = Class <i>Aves</i>	Reptiles = Class <i>Testudines</i> , <i>Sphenodontia</i> , <i>Squamata</i> & <i>Crocodylia</i>	Flowering plants = Phylum <i>Magnoliophyta</i>	Mosses = Phylum <i>Bryophyta</i>
Bony fish = Superclass <i>Osteichthyes</i> p.p.	Molluscs = Phylum <i>Mollusca</i>	Gymnosperms = Superclass <i>Gymnospermae</i>	Sac fungi = Phylum <i>Ascomycota</i>
Amphibians = Class <i>Amphibia</i>			Basidiomycota = Phylum <i>Basidiomycota</i>

Change over time in records about biodiversity in Latvia



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 Latvia

High-resolution quantification of biodiversity for conservation and management (HiQBioDiv) Grassland Vascular Plant Occurrences. *Published by Daugavpils University*
<https://doi.org/10.15468/4as5u5>

OH4Surveillance vector collection in Latvia. *Published by Institute of Food Safety, Animal Health and Environment BIOR*
<https://doi.org/10.15468/7stkcv>

OH4Surveillance vector collection in Latvia. *Published by Institute of Food Safety, Animal Health and Environment BIOR*
<https://doi.org/10.15468/hbfyqs>

Coleoptera of Latvia - occurrence dataset No 1. *Published by Daugavpils University*
<https://doi.org/10.15468/vdryzk>

Collection and database Filipp Kovalevsky. *Published by Daugavpils University*
<https://doi.org/10.15468/fcdb87>

Kalsnava Arboretum Dendrological Collection. *Published by Daugavpils University*
<https://doi.org/10.15468/ymhpd7>

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

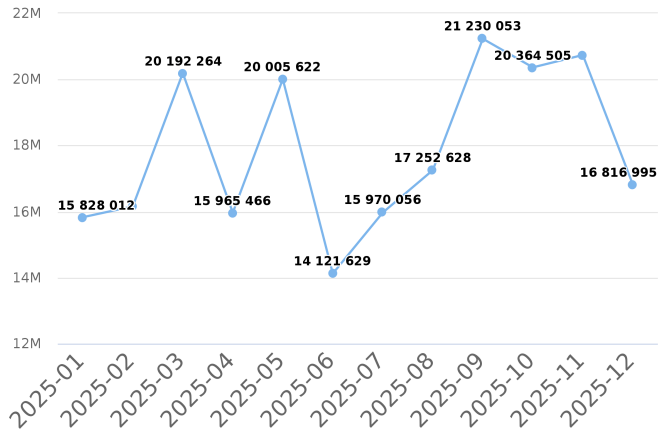
Newest publishers from Latvia

Institute of Food Safety, Animal Health and Environment BIOR

Daugavpils University

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

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

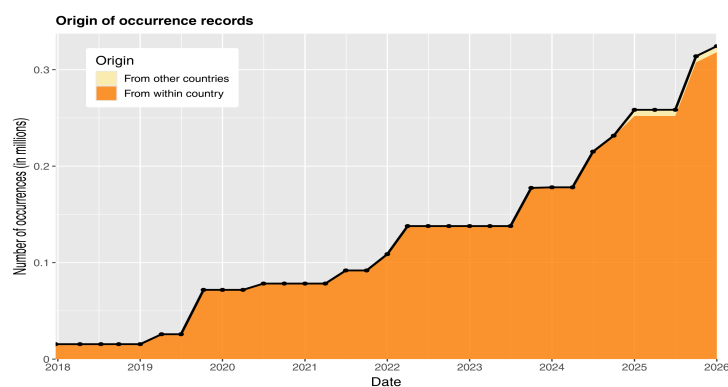


Number of occurrence records downloaded via GBIF.org published by institutions in Latvia

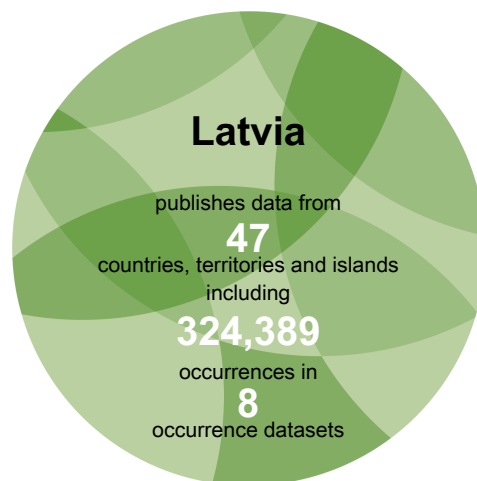


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Latvia

Rank	Country or area	No. of occurrences
1	Latvia	318,038
2	Estonia	264,787
3	Belgium	181,754
4	Denmark	61,786
5	United States of America	49,186
6	Sweden	26,433
7	Netherlands	24,178
8	Russian Federation	19,794
9	United Kingdom	16,022
10	Finland	9,688

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

Top datasets contributing data about Latvia

EOD – eBird Observation Dataset. 207,040 occurrences in Latvia. (Last updated 29 Oct 2025)

Global soil organisms. 171,338 occurrences in Latvia. (Last updated 27 Feb 2023)

Herbarium Universitatis Daugavpiliensis. 67,061 occurrences in Latvia. (Last updated 18 Nov 2025)

ICES DATRAS Surveys. 61,334 occurrences in Latvia. (Last updated 14 Nov 2025)

ICES Phytoplankton Community dataset. 56,923 occurrences in Latvia. (Last updated 24 Dec 2025)

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