

generated January 2026

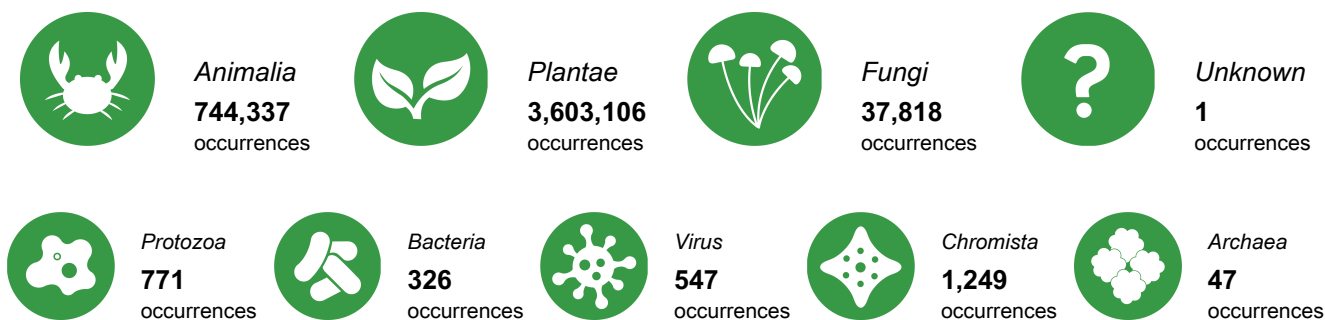
Slovakia

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 Slovakia. 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.

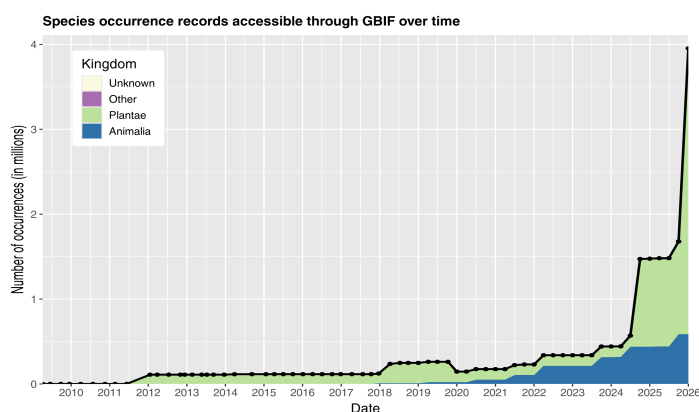
► Access and usage



► Data availability in Slovakia



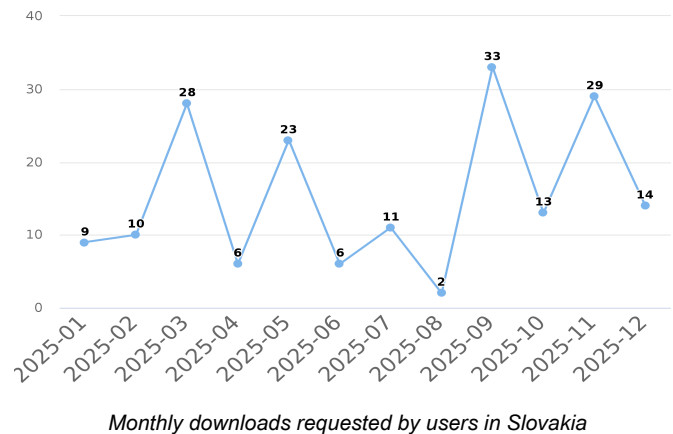
► Data mobilization



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

Access and usage

Data downloads on GBIF.org from users in Slovakia



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

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 Slovakia.

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

Lucas, Thuiller, Talluto *et al.* (2025) Trophic Interactions Are Key to Understanding the Effects of Global Change on the Distribution and Functional Role of the Brown Bear. *Global Change Biology*.
<https://doi.org/10.1111/gcb.70252>

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>

Jablonski, Raffaj, Senko. (2025) The Balkans in Central Europe: a case of introduced lineage of *Podarcis muralis* in Slovakia highlighting the impact of international trading and climate change. *Herpetozoa*.
<https://doi.org/10.3897/herpetozoa.38.e139307>

Semelbauer, Čelechovský, Roháček *et al.* (2025) New records of pollinating flies (Diptera: Bombyliidae, Mythicomythiidae, Syrphidae, and Conopidae) from Slovakia. *Check List*.
<https://doi.org/10.15560/21.1.122>

Purgat, Švecová. (2025) First record of *Latrodectus hesperus* Chamberlin & Ivie, 1935, Western Black Widow (Araneae, Theridiidae), in Slovakia. *Check List*.
<https://doi.org/10.15560/21.1.107>

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

Data availability

Total data available for selected taxonomic groups in Slovakia



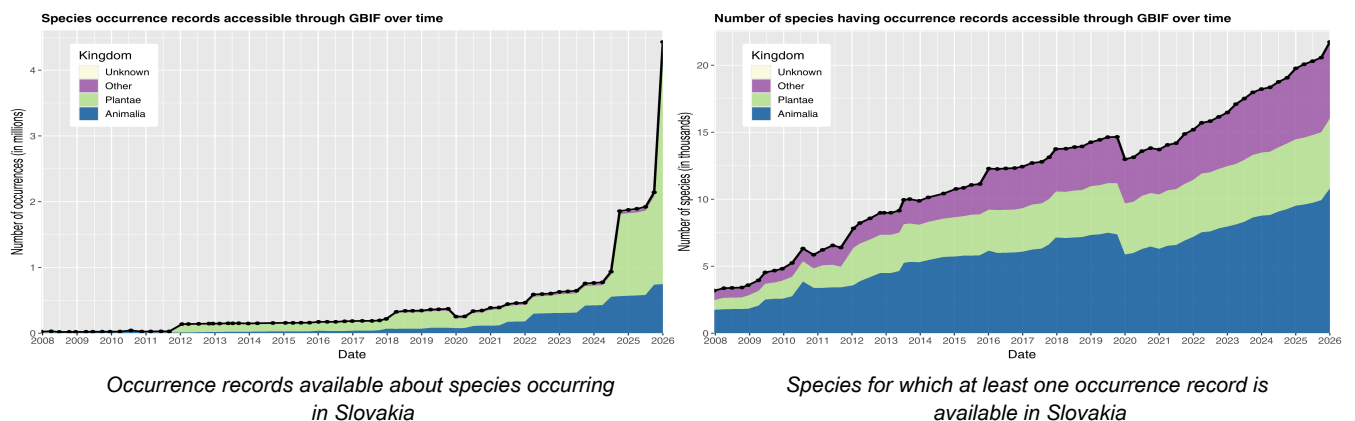
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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 Slovakia



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 Slovakia

prieskum obojživelníkov a plazov, Tatranská Lomnica, lyžiarske stredisko 2025. *Published by HBH Projekt spol. s r.o., Kabátnikova 5, 602 00 Brno, ČR – organizačná zložka Slovensko*
<https://doi.org/10.15468/tm2sur>

prieskum cicavcov, Tatranská Lomnica, lyžiarske stredisko 2025. *Published by HBH Projekt spol. s r.o., Kabátnikova 5, 602 00 Brno, ČR – organizačná zložka Slovensko*
<https://doi.org/10.15468/gw4nfm>

Prieskum drobných zemných cicavcov Tatranská Lomnica, lyžiarske stredisko 2025. *Published by HBH Projekt spol. s r.o., Kabátnikova 5, 602 00 Brno, ČR – organizačná zložka Slovensko*
<https://doi.org/10.15468/6teth7>

prieskum vtákov, Tatranská Lomnica, lyžiarske stredisko 2025. *Published by HBH Projekt spol. s r.o., Kabátnikova 5, 602 00 Brno, ČR – organizačná zložka Slovensko*
<https://doi.org/10.15468/dhcz7v>

A contribution to the knowledge of moths and butterflies in the western part of the Východné Karpaty Protected Landscape Area. *Published by Institute of Zoology Slovak Academy of Sciences*
<https://doi.org/10.15468/tb2qj2>

Pladias SK dataset: Complex information and monitoring system of the SNC SR [Komplexný informačný a monitorovací systém ŠOPSR]. *Published by Plant Science and Biodiversity Centre, Institute of Botany, Slovak Academy of Sciences*
<https://doi.org/10.15468/hvm7k8>

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

Newest publishers from Slovakia

Institute of Zoology Slovak Academy of Sciences

University of Veterinary Medicine and Pharmacy in Košice

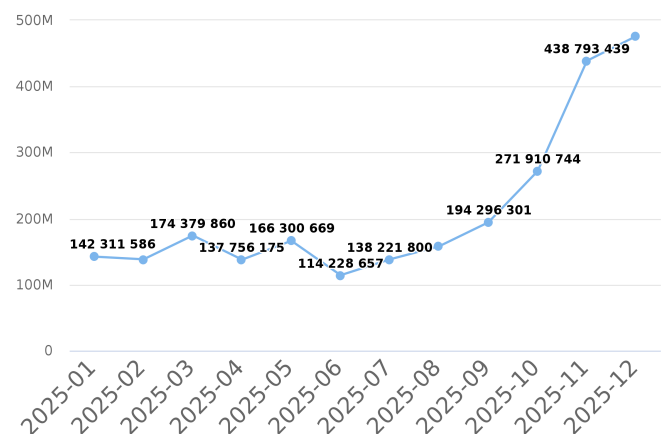
Slovak National Museum

HBH Projekt spol. s r.o., Kabátnikova 5, 602 00 Brno, ČR – organizačná zložka Slovensko

Plant Science and Biodiversity Centre, Institute of Botany, Slovak Academy of Sciences

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

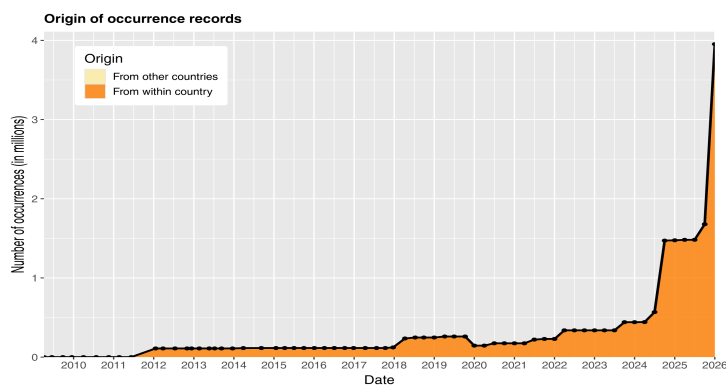
Occurrence records downloaded from GBIF.org, published by institutions in Slovakia



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

Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Slovakia

Rank	Country or area	No. of occurrences
1	Slovakia	3,936,501
2	United States of America	185,738
3	France	114,785
4	Poland	28,093
5	Netherlands	27,564
6	Czechia	17,090
7	International organization or unknown country	15,574
8	Germany	15,087
9	United Kingdom	12,805
10	Sweden	12,728

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

Top datasets contributing data about Slovakia

Pladias SK dataset: Complex information and monitoring system of the SNC SR [Komplexný informačný a monitorovací systém ŠOPSR]. 2,265,910 occurrences in Slovakia. (Last updated 2 Jan 2026)

Pladias SK - Institute of botany. 958,397 occurrences in Slovakia. (Last updated 5 Jan 2026)

EOD – eBird Observation Dataset. 580,191 occurrences in Slovakia. (Last updated 29 Oct 2025)

iNaturalist Research-grade Observations. 165,532 occurrences in Slovakia. (Last updated 31 Dec 2025)

Dataflos. 118,869 occurrences in Slovakia. (Last updated 18 Aug 2016)

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



Slovakia participates in the following projects coordinated by GBIF

Unlocking Slovakia's biodiversity through data publishing

Capacity Enhancement Support Programme, 2023–2024

<https://www.gbif.org/project/CESP2023-005>

AI for specimen labels

Capacity Enhancement Support Programme, 2024–2025

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

European training hackathon on species checklists using GBIF data

Capacity Enhancement Support Programme, 2014–2015

This regional collaboration supports a hackathon for European nodes, aiming to enhance their capacity to produce national checklists.

<https://www.gbif.org/project/82221>

See all GBIF projects

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