

generated January 2025

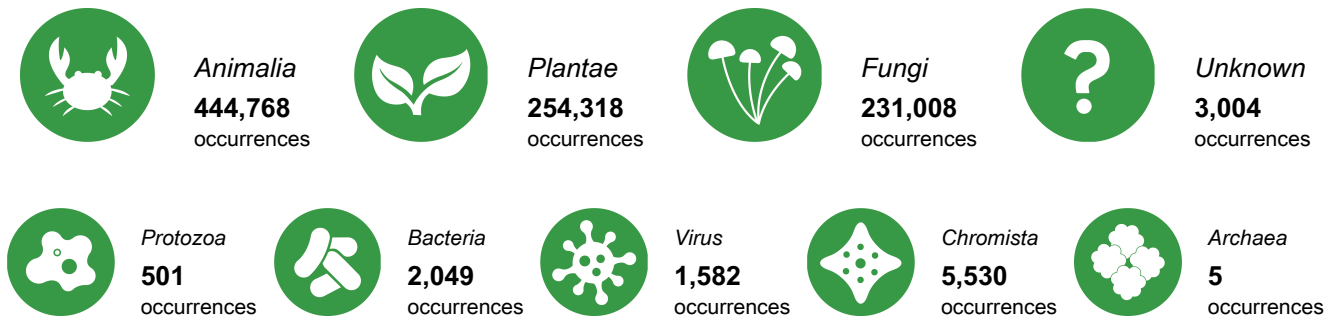
Slovenia

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 Slovenia. 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.

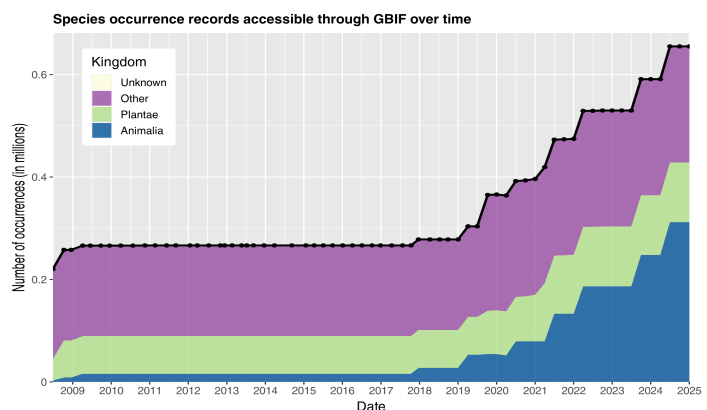
► Access and usage



► Data availability in Slovenia



► Data mobilization

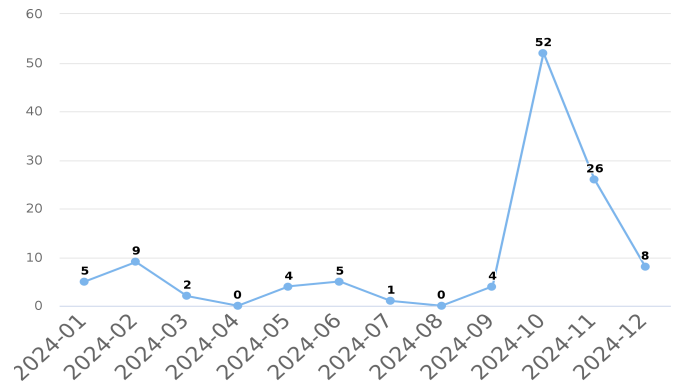
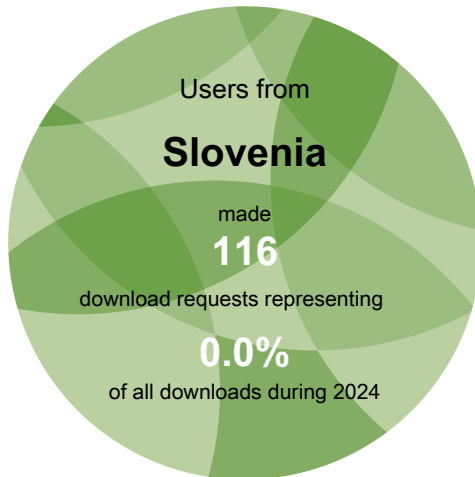


Number of records published by institutions in Slovenia, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Slovenia



Monthly downloads requested by users in Slovenia

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

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 Slovenia.

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

González-Moreno, Anđelković, Adriaens *et al.* (2024) Citizen science platforms can effectively support early detection of invasive alien species according to species traits. *People and Nature*.

<https://doi.org/10.1002/pan3.10767>

Journé, Bogdziewicz, Courbaud *et al.* (2024) The Relationship Between Maturation Size and Maximum Tree Size From Tropical to Boreal Climates. *Ecology Letters*.

<https://doi.org/10.1111/ele.14500>

Žnidaršič, Pogačar, Trdan *et al.* (2024) Spodoptera frugiperda (J.E. Smith) (Lepidoptera: Noctuidae): Risks for Slovenian agriculture and feasibility of conducting pre-emptive risk assessment for some of its natural enemies. *Biological Control*.

<https://doi.org/10.1016/j.biocontrol.2024.105601>

Ciceu, Bălăcenoiu, de Groot *et al.* (2024) The ongoing range expansion of the invasive oak lace bug across Europe: current occurrence and potential distribution under climate change. *Science of The Total Environment*.

<https://doi.org/10.1016/j.scitotenv.2024.174950>

Ranđelović, Jakovljević, Šinžar-Sekulić *et al.* (2024) Recognising the role of ruderal species in restoration of degraded lands. *Science of The Total Environment*.

<https://doi.org/10.1016/j.scitotenv.2024.173104>

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



Data availability

Total data available for selected taxonomic groups in Slovenia



Mammals
4,141
occurrences



Birds
332,913
occurrences



Bony fish
5,535
occurrences



Amphibians
2,714
occurrences



Insects
74,028
occurrences



Reptiles
3,600
occurrences



Molluscs
7,149
occurrences



Arachnids
5,672
occurrences



Flowering plants
238,387
occurrences



Ferns
5,833
occurrences



Gymnosperms
3,407
occurrences



Mosses
4,349
occurrences



Sac fungi
69,707
occurrences



Basidiomycota
161,145
occurrences

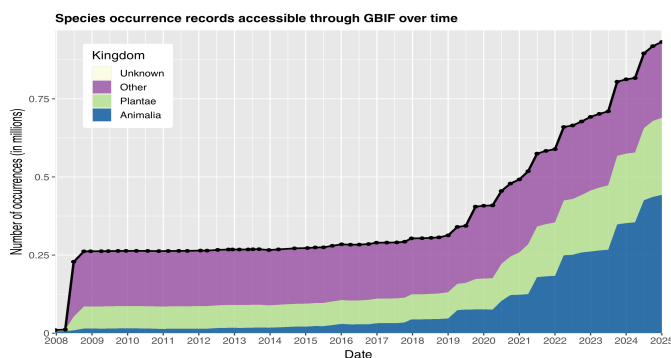
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

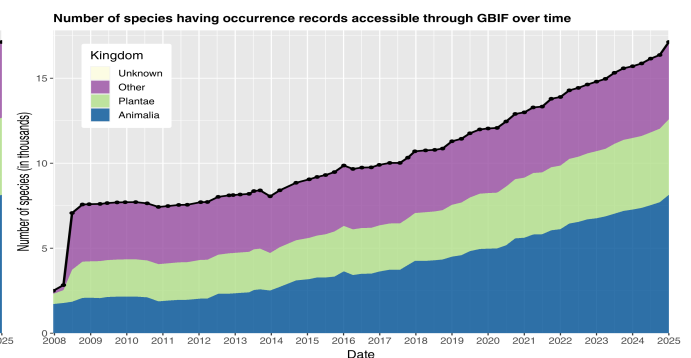
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Slovenia



Occurrence records available about species occurring in Slovenia



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

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 Slovenia

Invazivke - Invasive Alien Species in Slovenia. *Published by Slovenian Forestry Institute*
<https://doi.org/10.15468/i1h6ez>

Flea collection of Slovenian Museum of Natural History (Slovenia only). *Published by Prirodoslovni muzej Slovenije*
<https://doi.org/10.15468/vmaph0>

World flea collection of Slovenian Museum of Natural History (excluding Slovenia). *Published by Prirodoslovni muzej Slovenije*
<https://doi.org/10.15468/th6dfi>

Slovenian Fungal Database - Boletus informaticus. *Published by Slovenian Forestry Institute*
<https://doi.org/10.15468/2inmxv>

FloVegSI - Floristical and fitocenological database of ZRC SAZU. *Published by Scientific Research Centre of the Slovenian Academy of Sciences and Arts, Institute of Biology*
<https://doi.org/10.15468/v3vxya>

FloVegSI-FAV - Faunistical database of ZRC SAZU. *Published by Scientific Research Centre of the Slovenian Academy of Sciences and Arts, Institute of Biology*
<https://doi.org/10.15468/3waz8p>

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

Newest publishers from Slovenia

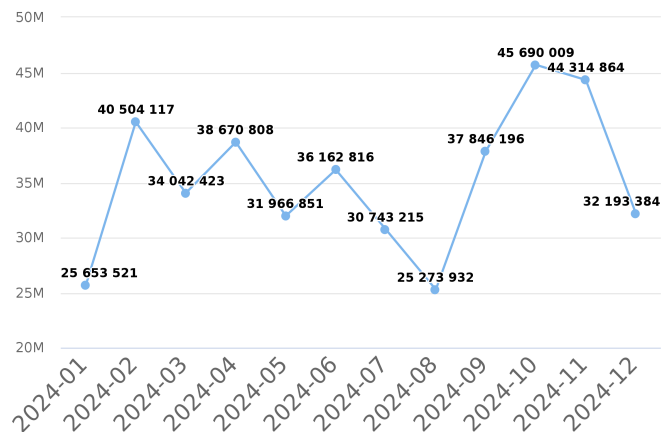
Prirodoslovni muzej Slovenije

Slovenian Forestry Institute

Scientific Research Centre of the Slovenian Academy of Sciences and Arts, Institute of Biology

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

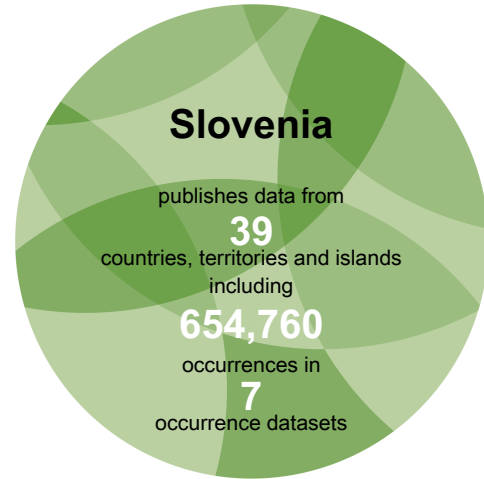
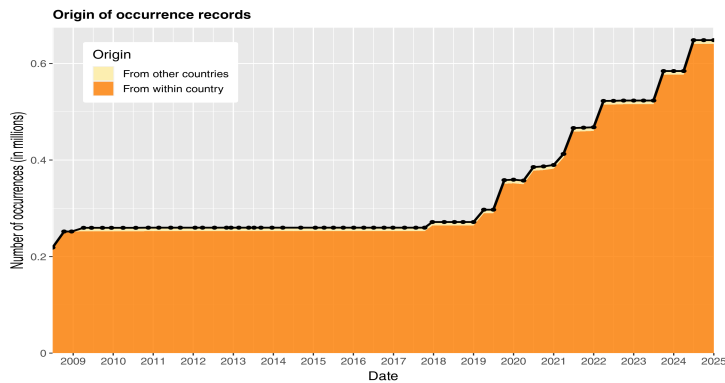
Occurrence records downloaded from GBIF.org, published by institutions in Slovenia



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

Data mobilization

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



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Slovenia

Rank	Country or area	No. of occurrences
1	Slovenia	647,180
2	Netherlands	96,195
3	United States of America	84,929
4	France	35,911
5	Germany	15,036
6	United Kingdom	13,001
7	Austria	11,443
8	Belgium	6,187
9	Bulgaria	5,884
10	International organization or unknown country	5,243

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

Top datasets contributing data about Slovenia

- EOD – eBird Observation Dataset. 294,133 occurrences in Slovenia. (Last updated 27 Sep 2024)
- Slovenian Fungal Database - Boletus informaticus. 160,757 occurrences in Slovenia. (Last updated 30 Sep 2019)
- Invazivke - Invasive Alien Species in Slovenia. 93,923 occurrences in Slovenia. (Last updated 30 Sep 2019)
- FloVegSI - Floristical and fitocenological database of ZRC SAZU. 89,707 occurrences in Slovenia. (Last updated 28 Feb 2018)
- Observation.org, Nature data from around the World. 85,694 occurrences in Slovenia. (Last updated 3 Jan 2025)

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