

generated January 2026

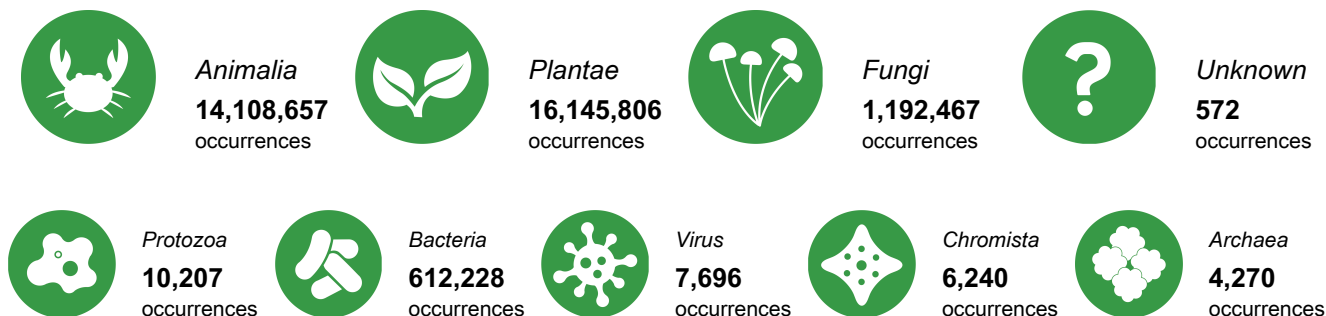
Switzerland

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 Switzerland. 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.

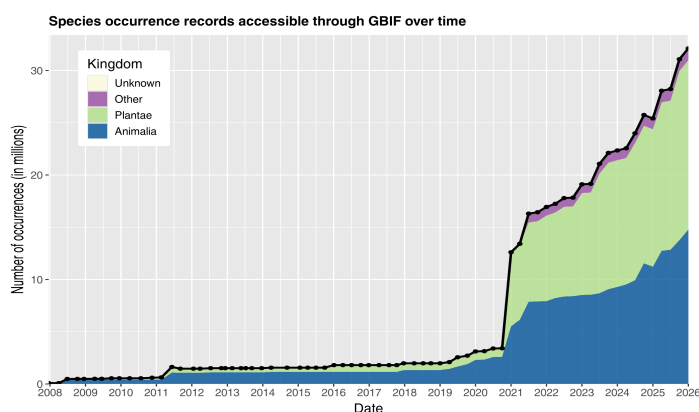
► Access and usage



► Data availability in Switzerland



► Data mobilization

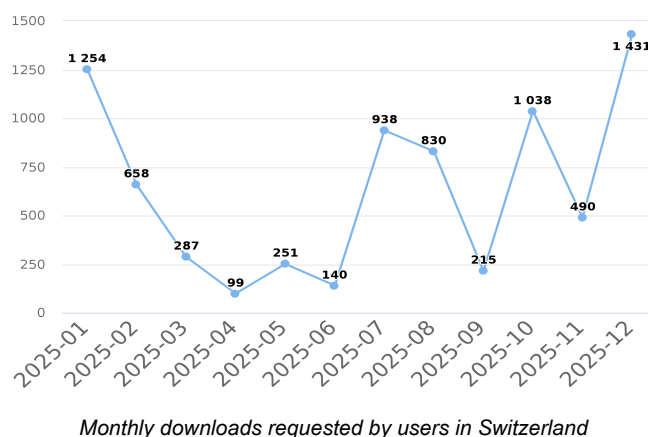
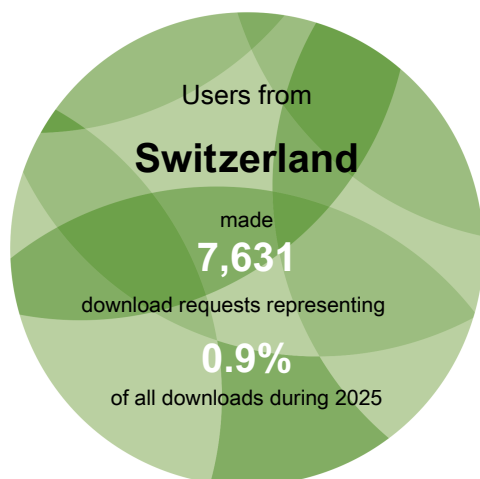


Number of records published by institutions in Switzerland, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Switzerland



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

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 Switzerland.

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

Neff, Chittaro, Korner-Nievergelt *et al.* (2025) Contrasting 50-Year Trends of Moth Communities Depending on Elevation and Species Traits. *Ecology Letters*.
<https://doi.org/10.1111/ele.70195>

Seebens, Meyerson, Richardson *et al.* (2025) Biological invasions: a global assessment of geographic distributions, long-term trends, and data gaps. *Biological Reviews*.
<https://doi.org/10.1111/brv.70058>

Yang, Jaganathan, Liang *et al.* (2025) Evolution of fruit functional traits provides insights into the drivers of cycle-cup oaks (*Quercus* section *Cyclobalanopsis*) diversification in evergreen broadleaf forests. *Plant Diversity*.
<https://doi.org/10.1016/j.pld.2025.07.004>

Ramesh, Hariharan, Gupte *et al.* (2025) Grassland Bird Species Decline With Colonial-Era Landscape Change in a Tropical Montane Ecosystem. *Global Change Biology*.
<https://doi.org/10.1111/gcb.70358>

Partarrieu, Pinto, García *et al.* (2025) Plio–Pleistocene water cooling in the southeastern Pacific Ocean: Insights from paleoecology, marine sedimentary facies analysis, and Sr isotope stratigraphy at Coquimbo (~30°S), Chile. *Journal of Palaeogeography*.
<https://doi.org/10.1016/j.jop.2025.100269>

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



Data availability

Total data available for selected taxonomic groups in Switzerland



Mammals
1,958,529
occurrences



Birds
2,371,680
occurrences



Bony fish
69,745
occurrences



Amphibians
450,855
occurrences



Insects
8,561,796
occurrences



Reptiles
65,588
occurrences



Molluscs
334,047
occurrences



Arachnids
251,902
occurrences



Flowering plants
15,148,644
occurrences



Ferns
389,056
occurrences



Gymnosperms
205,119
occurrences



Mosses
280,296
occurrences



Sac fungi
386,404
occurrences



Basidiomycota
802,789
occurrences

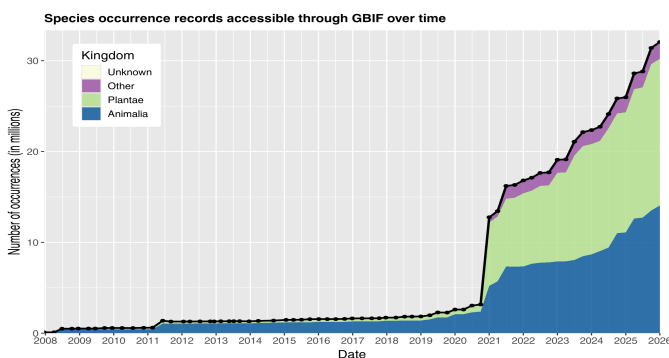
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

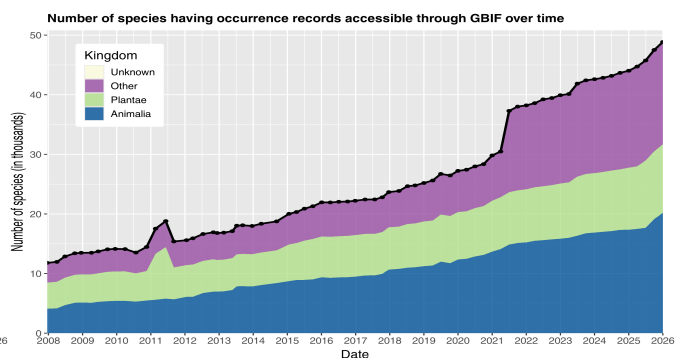
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Switzerland



Occurrence records available about species occurring in Switzerland



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

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 Switzerland

Morphological and phylogenetic analyses reveal one new genus and six new species in Irpicaceae and Steccherinaceae (Polyporales, Basidiomycota) from the Yunnan – Guizhou Plateau, Asia.

Published by Plazi.org taxonomic treatments database

<https://doi.org/10.15468/3wusgm>

A Computational Analysis of Limb and Body Dimensions in Tyrannosaurus rex with Implications for Locomotion, Ontogeny, and Growth. *Published by Plazi.org taxonomic treatments database*

<https://doi.org/10.15468/49r2ey>

FAMILY NYCTERIBIIDAE. *Published by Plazi.org taxonomic treatments database*

<https://doi.org/10.15468/myxzqf>

FAMILY SYRPHIDAE. *Published by Plazi.org taxonomic treatments database*

<https://doi.org/10.15468/k694v3>

Dactylonotus Parent, 1934 - a disjunct generic distribution in southern Africa, New Zealand and New Caledonia (Diptera, Dolichopodidae). *Published by Plazi.org taxonomic treatments database*

<https://doi.org/10.15468/4zzyzd>

Kallograea kulolasi n. gen., n. sp. and K. jolliveti (Guinot & Segonzac, 2018) from the hydrothermal Kulo Lasi Volcano Caldera, West Pacific; and a reappraisal of Austinograea Hessler & Martin, 1989 and Gandalfus McLay, 2007 (Decapoda, Brachyura, Bythograeoidea). *Published by Plazi.org taxonomic treatments database*

<https://doi.org/10.15468/fvy6ku>

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

Newest publishers from Switzerland

Swiss Research Biodiversity Data

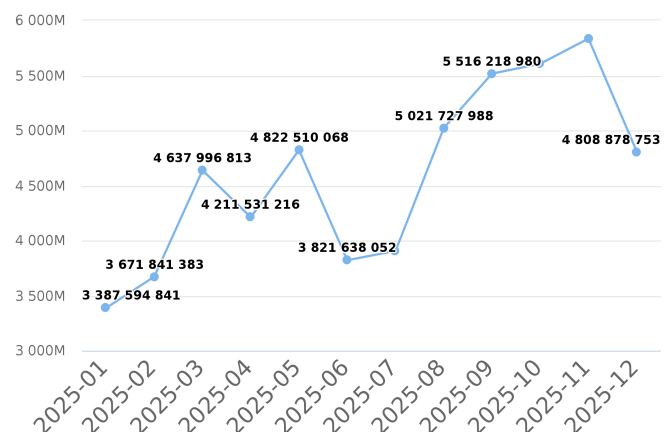
SwissNatColl

Swiss National Biodiversity Data and Information Centres – infospecies.ch

Naturhistorisches Museum Bern - NMBE

Mountain Invasion Research Network - MIREN_ETH

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



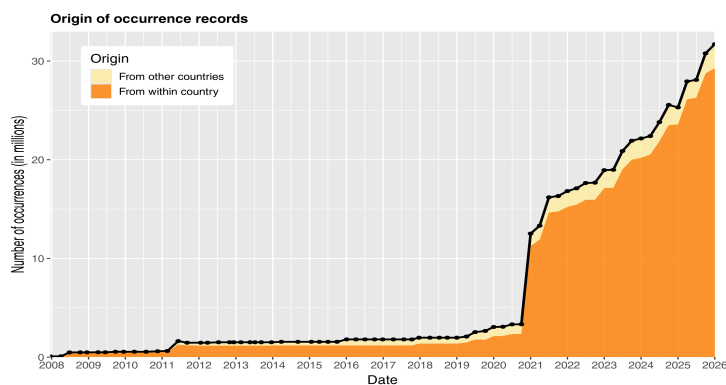
See all publishers from this country or area
gbif.org/publisher/search?country=CH

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

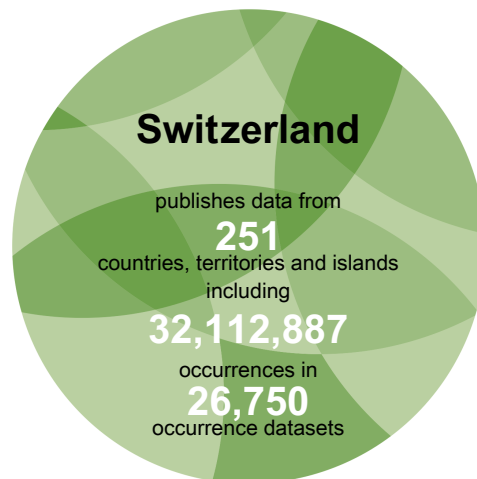


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Switzerland

Rank	Country or area	No. of occurrences
1	Switzerland	29,285,739
2	United States of America	643,455
3	United Kingdom	615,538
4	France	613,072
5	Netherlands	465,042
6	Germany	191,702
7	Sweden	52,715
8	Belgium	48,151
9	International organization or unknown country	30,667
10	Finland	24,763

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

Top datasets contributing data about Switzerland

- Swiss National Databank of Vascular Plants. 14,292,275 occurrences in Switzerland. (Last updated 28 Aug 2025)
- Swiss National Butterflies and Forester Moths Databank. 2,566,907 occurrences in Switzerland. (Last updated 18 Nov 2025)
- EOD – eBird Observation Dataset. 1,946,711 occurrences in Switzerland. (Last updated 29 Oct 2025)
- Swiss National Moths Databank. 1,676,098 occurrences in Switzerland. (Last updated 12 Mar 2025)
- Swiss National Mammal Databank. 1,364,003 occurrences in Switzerland. (Last updated 6 Mar 2025)

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