

generated January 2026

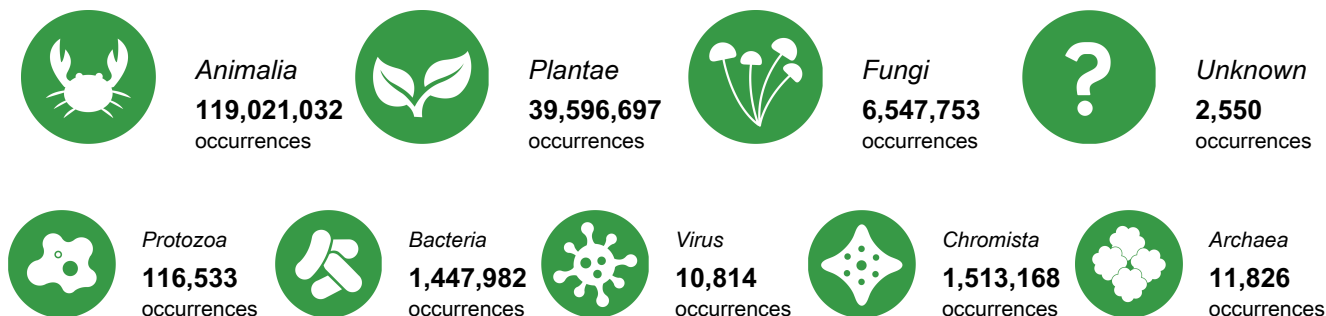
Sweden

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 Sweden. 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.

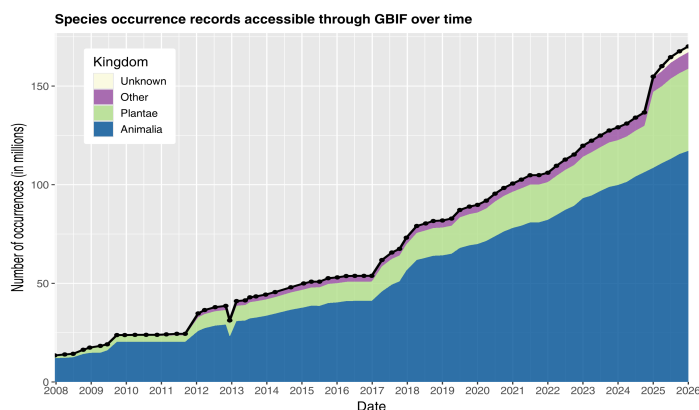
► Access and usage



► Data availability in Sweden



► Data mobilization

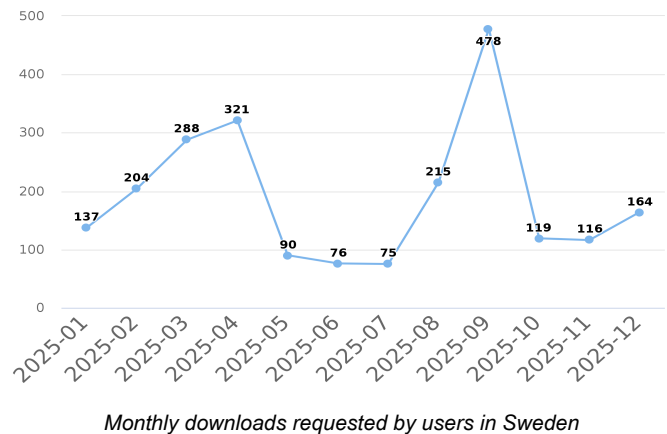
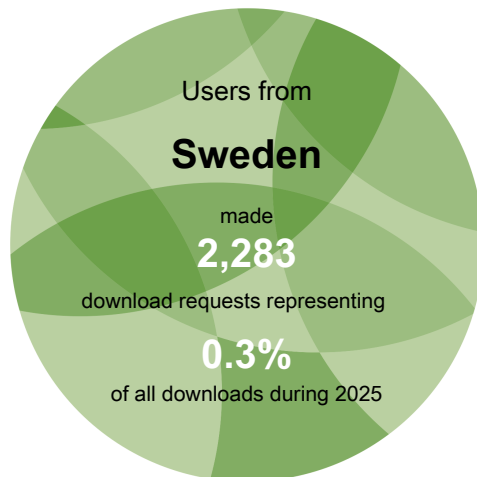


Number of records published by institutions in Sweden, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Sweden



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

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 Sweden.

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

Razafimandimbison, Kainulainen, Ranarijaona *et al.* (2025) Phylogeny and divergence times of the African and Malagasy Podocarpus (Podocarpaceae) and their taxonomic and biogeographic implications. *TAXON*.
<https://doi.org/10.1002/tax.70023>

Van den Bossche, Moeys, De Smedt *et al.* (2025) Functional trait variation of an emblematic saproxylic beetle along rural-to-urban gradients across Europe. *Insect Conservation and Diversity*.
<https://doi.org/10.1111/icad.12856>

Millena, Lahteenaro, Riegler *et al.* (2025) Strepsiptera systematics: past, present, and future. *Insect Systematics and Diversity*.
<https://doi.org/10.1093/isd/ixaf024>

Omazic, Grandi, Widgren *et al.* (2025) Automated tick classification using deep learning and its associated challenges in citizen science. *Scientific Reports*.
<https://doi.org/10.1038/s41598-025-10265-x>

Dıaz-Calafat, Luna-Santamarıa. (2025) Why do queen bumblebees emerge from hibernation during weekends?. *Apidologie*.
<https://doi.org/10.1007/s13592-025-01192-x>

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



Data availability

Total data available for selected taxonomic groups in Sweden



Mammals
942,849
occurrences



Birds
97,143,334
occurrences



Bony fish
4,594,356
occurrences



Amphibians
131,280
occurrences



Insects
13,086,891
occurrences



Reptiles
60,315
occurrences



Molluscs
878,795
occurrences



Arachnids
438,921
occurrences



Flowering plants
33,607,772
occurrences



Ferns
1,559,219
occurrences



Gymnosperms
846,058
occurrences



Mosses
2,140,271
occurrences



Sac fungi
2,994,152
occurrences



Basidiomycota
3,513,065
occurrences

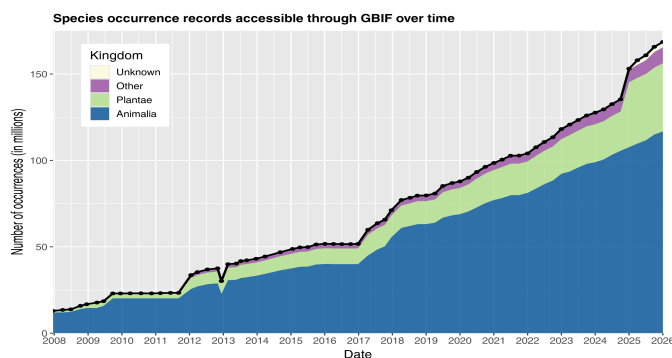
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

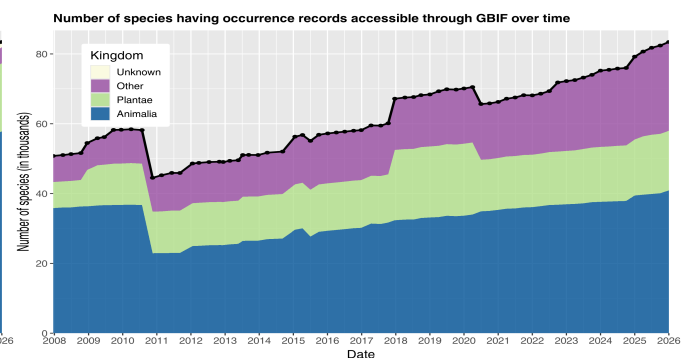
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Sweden



Occurrence records available about species occurring in Sweden



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

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 Sweden

Ancient host-associated microbes obtained from mammoth remains. *Published by Centre for Palaeogenetics*
<https://doi.org/10.1016/j.cell.2025.08.003>

Palynological Reference Collection. *Published by Swedish Museum of Natural History*
<https://doi.org/10.15468/xvz2nj>

National Inventories of Landscapes in Sweden: Presence-absence Vegetation data. *Published by National Inventories of Landscapes in Sweden, Department of Forest Resource Management, SLU*
<https://doi.org/10.15468/jxusk2>

Bird and bat diversity in coffee agroforests in Arabica coffee's native range. *Published by Stockholm University*
<https://doi.org/10.15468/tkstjq>

VectorDistributionStatus. *Published by VectorNet*
<https://doi.org/10.15468/7ek6d9>

Bryophytes on all substrates, vascular epiphytic plants and woody plants in different habitats in Bonga, SW Ethiopia. *Published by Stockholm University*
<https://doi.org/10.15468/kcpxjw>

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

Newest publishers from Sweden

Centre for Palaeogenetics

The Bergius Foundation at the Royal Swedish Academy of Sciences

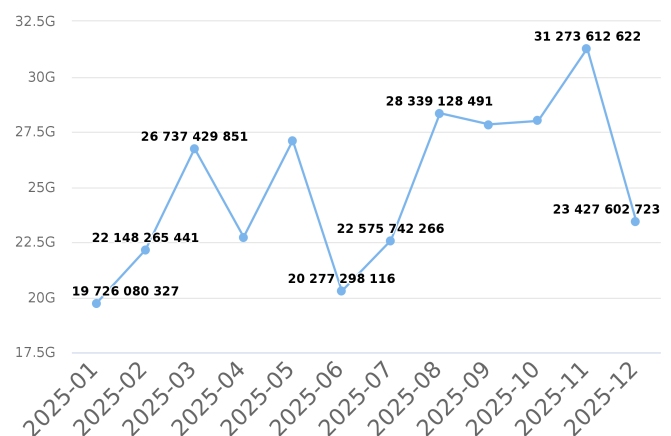
The Bergius Botanic Garden

National Inventories of Landscapes in Sweden, Department of Forest Resource Management, SLU

Swedish Veterinary Agency

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

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

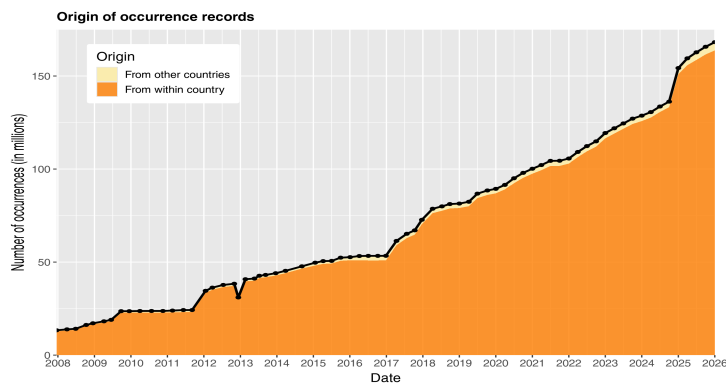


Number of occurrence records downloaded via GBIF.org published by institutions in Sweden



Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Sweden

Rank	Country or area	No. of occurrences
1	Sweden	163,790,891
2	Belgium	1,126,144
3	United Kingdom	878,335
4	Denmark	821,548
5	United States of America	429,756
6	Netherlands	370,082
7	Finland	213,346
8	Estonia	192,141
9	Germany	187,465
10	Norway	170,795

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

Top datasets contributing data about Sweden

Artportalen. 116,946,104 occurrences in Sweden. (Last updated 3 Jan 2026)

Bird Ringing Centre in Sweden (NRM). 9,624,150 occurrences in Sweden. (Last updated 18 Dec 2025)

Swedish National Forest Inventory: Presence-absence vegetation data (1995-current). 8,527,596 occurrences in Sweden. (Last updated 25 Oct 2024)

Swedish National Forest Inventory: Presence-absence vegetation data (1995-2017, discontinued sample). 6,316,684 occurrences in Sweden. (Last updated 25 Oct 2024)

EOD – eBird Observation Dataset. 3,551,811 occurrences in Sweden. (Last updated 29 Oct 2025)

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



Sweden participates in the following projects coordinated by GBIF

Biodiversity data capacity building in Lithuania

Capacity Enhancement Support Programme, 2026–2026

<https://www.gbif.org/project/CESP2025-002>

Building capacity within biodiversity data between Ethiopia and GBIF nodes in Sweden and Finland

Capacity Enhancement Support Programme, 2024–2026

<https://www.gbif.org/project/CESP2024-013>

International Living Atlases workshop

Capacity Enhancement Support Programme, 2017–2018

This project will support and strengthen the growing international community of practice around open-source software developed by the Atlas of Living Australia.

<https://www.gbif.org/project/83337>

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)