

generated January 2026

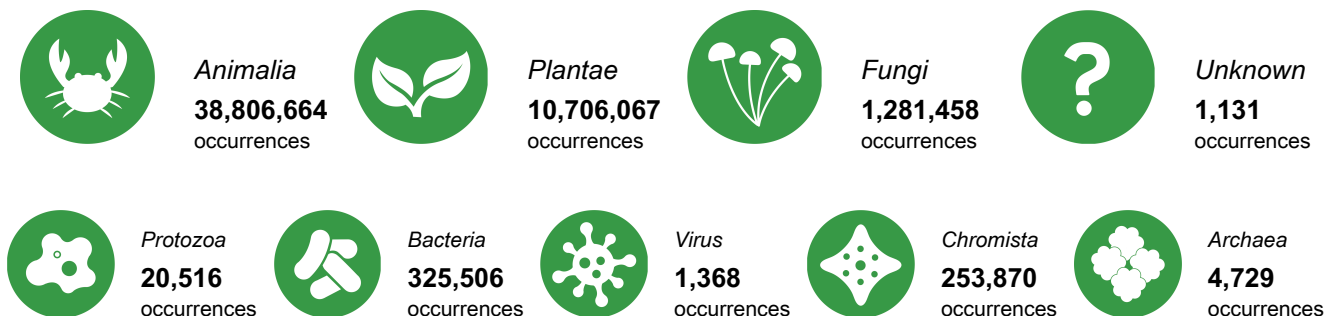
Finland

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 Finland. 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.

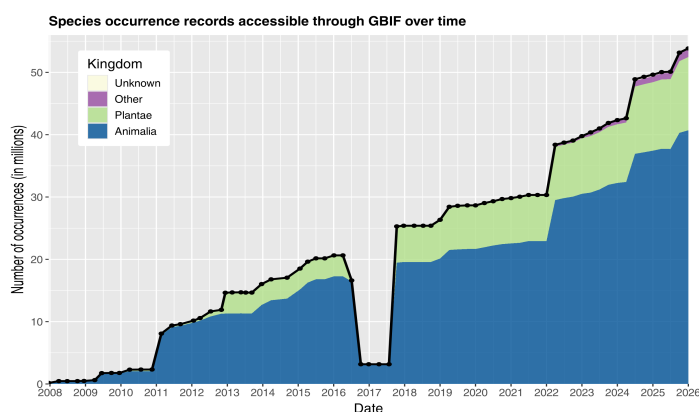
► Access and usage



► Data availability in Finland



► Data mobilization

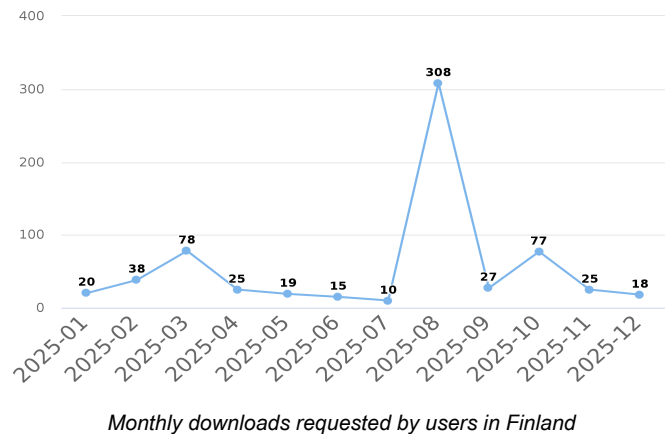


Number of records published by institutions in Finland,
categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Finland



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

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 Finland.

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

Jian, Han, Kasanen *et al.* (2025) Implications for the distributional range of the European bark beetles under future climate change. *Scientific Reports*.
<https://doi.org/10.1038/s41598-025-15546-z>

Gomes, Andrino, Barbosa-Silva *et al.* (2025) Food insecurity under global human-induced changes: Plants of the future in the Amazonian biome. *Biological Conservation*.
<https://doi.org/10.1016/j.biocon.2025.111398>

Zhou, Huang, Huang *et al.* (2025) Genetic differentiation and associated climatic variables between *Camellia chekiangoleosa* and its wild relatives revealed by SNP markers. *Industrial Crops and Products*.
<https://doi.org/10.1016/j.indcrop.2025.121594>

Marshall, Strine, Gore *et al.* (2025) Mapping the global dimensions of US wildlife imports. *Current Biology*.
<https://doi.org/10.1016/j.cub.2025.07.012>

Tojibaev, Yusupov, Sennikov *et al.* (2025) *Iris anvarbekii* (Iridaceae), a new species of *I.* subg. *Scorpiris* from the southern Pamir-Alay in Uzbekistan. *Nordic Journal of Botany*.
<https://doi.org/10.1002/njb.04860>

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



Data availability

Total data available for selected taxonomic groups in Finland



Mammals
450,464
occurrences



Birds
24,418,967
occurrences



Bony fish
97,947
occurrences



Amphibians
31,638
occurrences



Insects
12,710,168
occurrences



Reptiles
50,266
occurrences



Molluscs
296,859
occurrences



Arachnids
197,802
occurrences



Flowering plants
9,109,031
occurrences



Ferns
446,122
occurrences



Gymnosperms
326,013
occurrences



Mosses
418,856
occurrences



Sac fungi
452,382
occurrences



Basidiomycota
784,302
occurrences

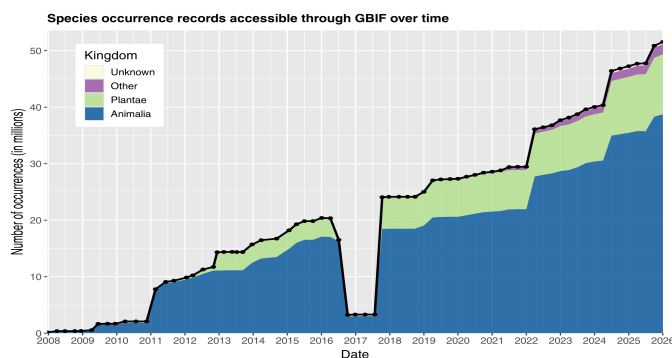
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

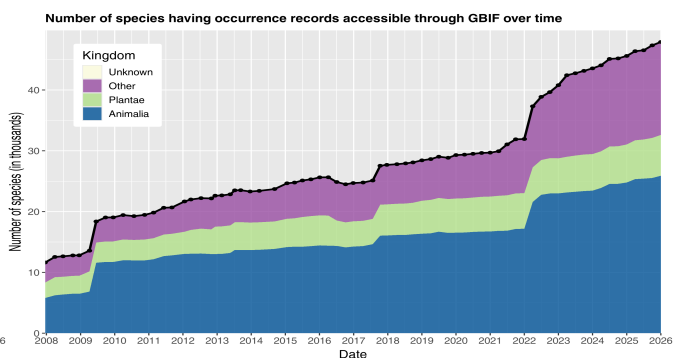
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Finland



Occurrence records available about species occurring in Finland



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

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 Finland

Taxonomic composition and cover of flowering plants in Finnish traffic-related green spaces.

Published by University of Turku - Department of Biology

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

Pollinator diversity in traffic-related urban green spaces in Finland. *Published by University of Eastern Finland*

<https://doi.org/10.15468/84nyp9>

Seasonal diversity of flowering plant species in urban green spaces in Kuopio. *Published by University of Eastern Finland*

<https://doi.org/10.15468/96n2sp>

HAMBI ABM yeast collection (ABM). *Published by Microbial Domain Biological Resource Center*

<https://doi.org/10.15468/ad774n>

HAMBI Cyanobacterial culture collection (UHCC). *Published by Microbial Domain Biological Resource Center*

<https://doi.org/10.15468/kvpue5>

HAMBI Bacterial culture collection (BAC). *Published by Microbial Domain Biological Resource Center*

<https://doi.org/10.15468/h3pedr>

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

Newest publishers from Finland

University of Turku - Department of Biology

Microbial Domain Biological Resource Center

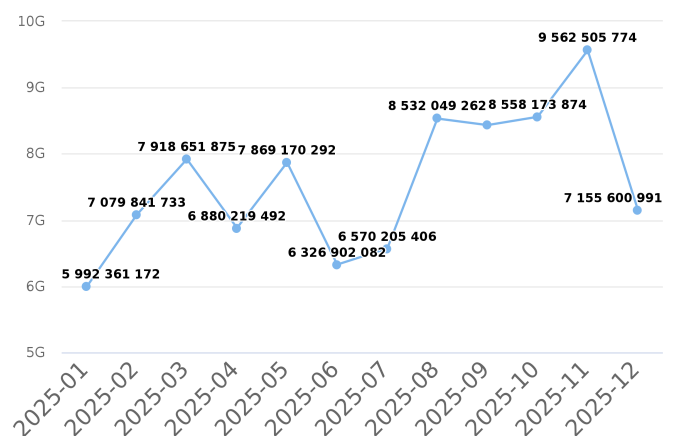
Regional Museum of Lapland

Kieppi, Kokkola Museum of Natural History

The Ark Nature Centre

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

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

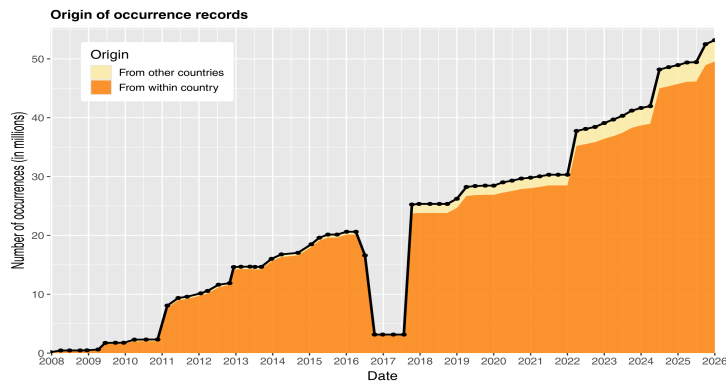


Number of occurrence records downloaded via
GBIF.org published by institutions in Finland



Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Finland

Rank	Country or area	No. of occurrences
1	Finland	49,570,267
2	United Kingdom	553,381
3	United States of America	383,142
4	Belgium	294,959
5	Estonia	162,211
6	Sweden	156,035
7	Netherlands	139,452
8	International organization or unknown country	101,939
9	France	81,749
10	Norway	28,101

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

Top datasets contributing data about Finland

- Bird ringing and recovery database (TIPU). 13,721,543 occurrences in Finland. (Last updated 1 Nov 2025)
- Kastikka Floristic Archives (H). 5,988,234 occurrences in Finland. (Last updated 1 Jan 2026)
- Finnish Insect Database. 3,661,361 occurrences in Finland. (Last updated 1 Jan 2026)
- Notebook, general observations. 3,203,996 occurrences in Finland. (Last updated 3 Jan 2026)
- EOD – eBird Observation Dataset. 2,376,296 occurrences in Finland. (Last updated 29 Oct 2025)

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



Finland participates in the following projects coordinated by GBIF

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>

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)