

generated January 2026

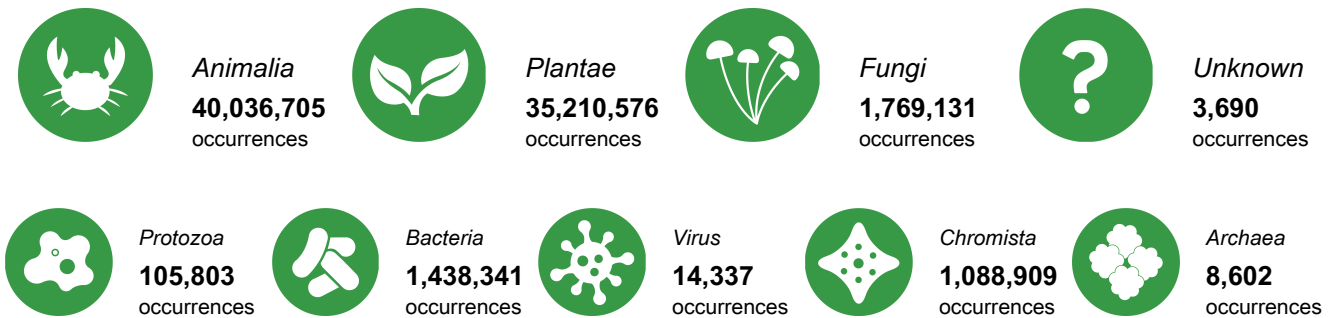
## Germany

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 Germany. 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.

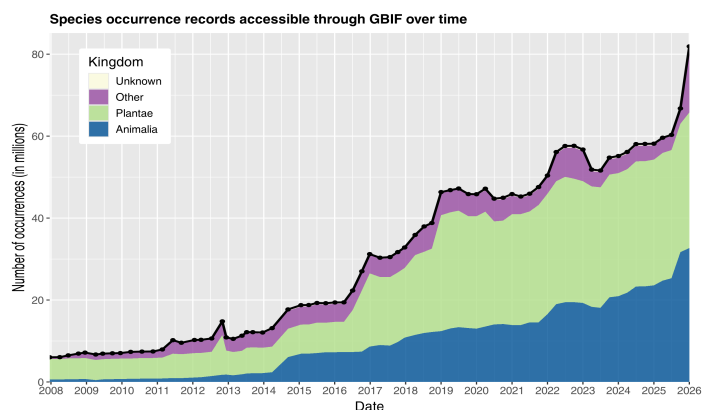
### ► Access and usage



### ► Data availability in Germany



### ► Data mobilization

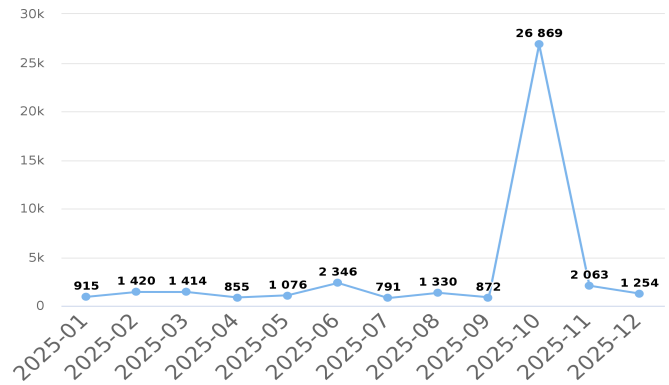
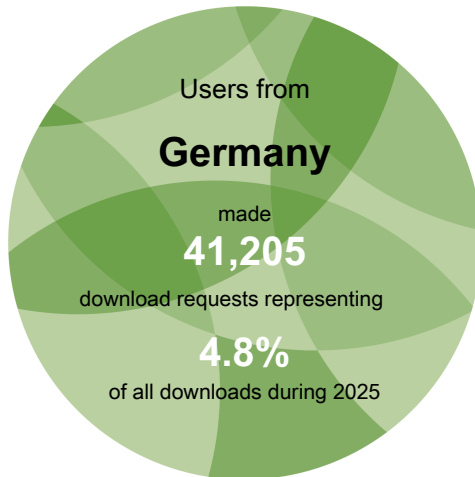


Number of records published by institutions in Germany, categorized by kingdom



## Access and usage

### Data downloads on GBIF.org from users in Germany



Monthly downloads requested by users in Germany

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

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 Germany.

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

Soto, Oficialdegui, Bedmar *et al.* (2025) Over 1200 Non-Native Species Are Established in the Iberian Peninsula. *Diversity and Distributions*.

<https://doi.org/10.1111/ddi.70071>

Muasya, Bello, du Preez *et al.* (2025) Refined generic and infrageneric classification of the Cape Psoraleeae clade (Fabaceae) – taxonomic studies in the phylogenomic era. *South African Journal of Botany*.

<https://doi.org/10.1016/j.sajb.2025.08.006>

Li, Wang, Miehe *et al.* (2025) Ecological Selection as Drivers During Early Speciation: Insights From Two Allopatric Cypress Species in the Himalaya. *Molecular Ecology*.

<https://doi.org/10.1111/mec.70072>

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>

Macêdo. (2025) Contrasting niche dynamics in the invasion processes of two congeneric dinoflagellates. *Scientific Reports*.

<https://doi.org/10.1038/s41598-025-13849-9>

See all research from this country or area  
[gbif.org/country/DE/publications/from](https://gbif.org/country/DE/publications/from)



## Data availability

### Total data available for selected taxonomic groups in Germany



**Mammals**  
843,590  
occurrences



**Birds**  
24,720,560  
occurrences



**Bony fish**  
1,577,783  
occurrences



**Amphibians**  
267,543  
occurrences



**Insects**  
9,935,760  
occurrences



**Reptiles**  
155,926  
occurrences



**Molluscs**  
586,668  
occurrences



**Arachnids**  
686,592  
occurrences



**Flowering plants**  
33,410,987  
occurrences



**Ferns**  
676,003  
occurrences



**Gymnosperms**  
469,317  
occurrences



**Mosses**  
284,174  
occurrences



**Sac fungi**  
754,293  
occurrences



**Basidiomycota**  
897,576  
occurrences

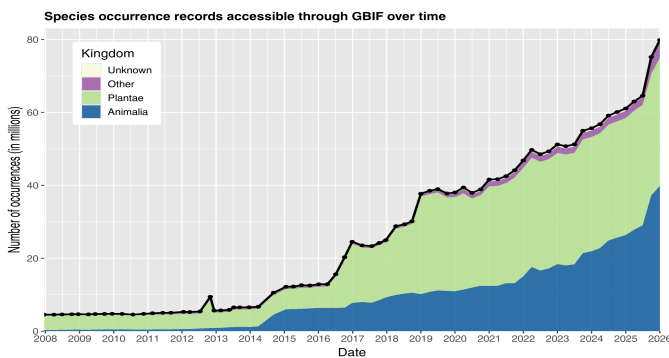
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

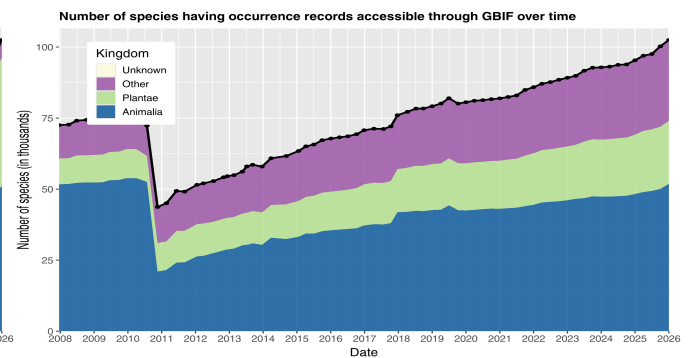
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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

## Change over time in records about biodiversity in Germany



Occurrence records available about species occurring in Germany



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

### 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 Germany

Straßen- und Anlagenbaumbestand Berlin. *Published by Senate Department for Urban Development and the Environment, Berlin*

<https://doi.org/10.15468/75ssj5>

Vegetation data of four different short rotation coppice (SRC) life stages. *Published by Leibniz Institute for the Analysis of Biodiversity Change (LIB)*

<https://doi.org/10.15468/phmw92>

Butterfly abundance data of four different short rotation coppice (SRC) life stages. *Published by Leibniz Institute for the Analysis of Biodiversity Change (LIB)*

<https://doi.org/10.15468/9pzhm6>

De maten, Belgium. *Published by BioFresh*

<https://doi.org/10.15468/dy44py>

Images for AI-based models for the identification of European Vertigo species and of land snails from Tenerife, Canary Islands. *Published by Leibniz Institute for the Analysis of Biodiversity Change (LIB)*

<https://doi.org/10.15468/myg5ja>

Gastrotricha - SMF. *Published by Senckenberg*

<https://doi.org/10.15468/zty8yh>

See all datasets from this country or area: [gbif.org/dataset/search?publishing\\_country=DE](https://gbif.org/dataset/search?publishing_country=DE)

## Newest publishers from Germany

Deutscher Jagdverband e.V.

Martin-Luther-Universität Halle-Wittenberg, Institut für Biologie, Bereich Geobotanik, Herbarium HAL

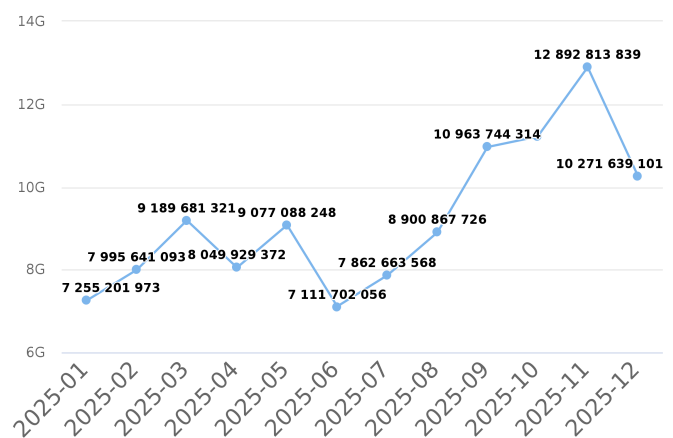
Local Cosmos Community

ArtenFinder bei der Stiftung Natur und Umwelt RLP und der Stiftung Naturschutz Berlin

Rote-Liste-Zentrum

See all publishers from this country or area  
[gbif.org/publisher/search?country=DE](https://gbif.org/publisher/search?country=DE)

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

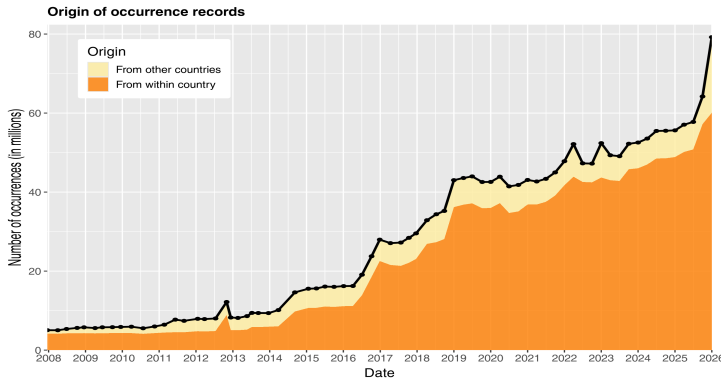


Number of occurrence records downloaded via GBIF.org published by institutions in Germany



## Data mobilization

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



Data sharing with country or area of origin

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

### Top data contributors about biodiversity in Germany

Rank	Country or area	No. of occurrences
1	Germany	60,108,331
2	Netherlands	6,965,015
3	United States of America	3,710,361
4	United Kingdom	2,181,770
5	Belgium	2,079,166
6	France	1,921,448
7	Denmark	1,515,226
8	International organization or unknown country	338,244
9	Switzerland	264,127
10	Sweden	154,977

### Top datasets contributing data about Germany

- NABU|naturgucker. *20,201,415 occurrences in Germany.* (Last updated 29 Oct 2025)
- Flora von Deutschland (Phanerogamen). *9,283,055 occurrences in Germany.* (Last updated 19 Nov 2025)
- Floristic records from survey studies of the Bayerisches Landesamt für Umwelt. *7,549,012 occurrences in Germany.* (Last updated 18 Nov 2025)
- Occurrence Data of Vascular Plants collected or compiled for the Flora of Bavaria. *7,244,420 occurrences in Germany.* (Last updated 16 Mar 2021)
- EOD – eBird Observation Dataset. *7,209,712 occurrences in Germany.* (Last updated 29 Oct 2025)

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

See all contributing countries and areas or datasets: [gbif.org/country/DE/about](https://gbif.org/country/DE/about)



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## Germany participates in the following projects coordinated by GBIF

### 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)