

generated January 2025

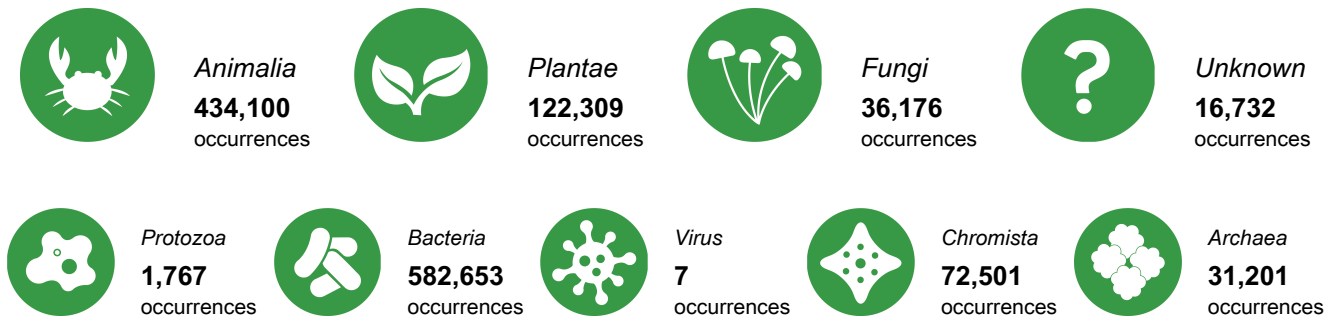
## Svalbard and Jan Mayen

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 Svalbard and Jan Mayen. 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.

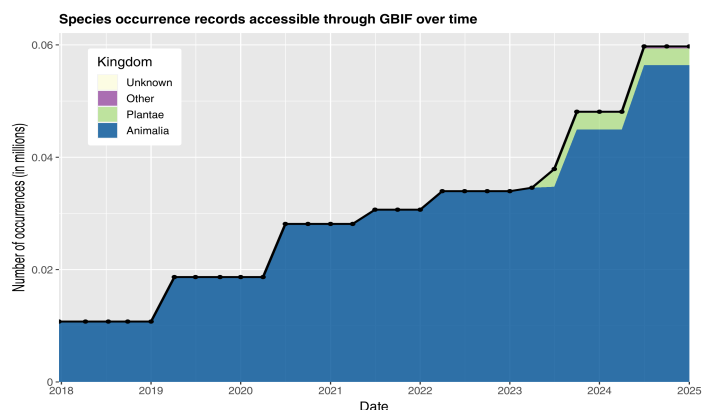
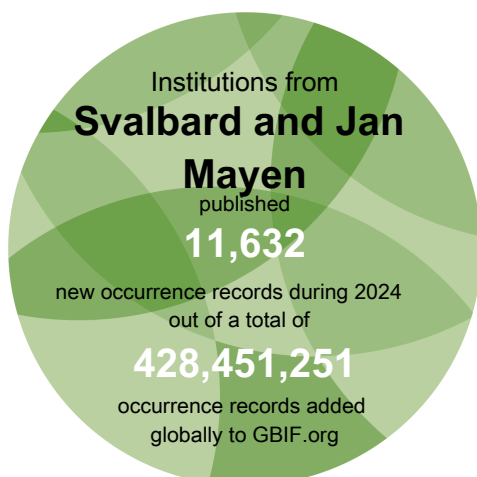
### ► Access and usage



### ► Data availability in Svalbard and Jan Mayen



### ► Data mobilization

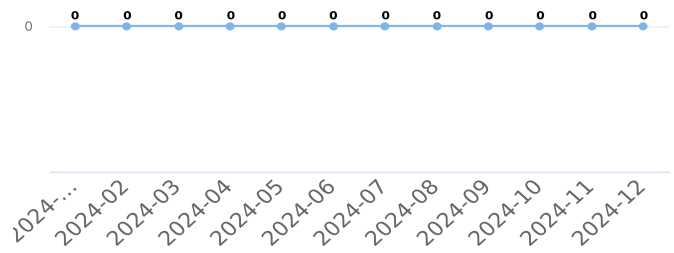
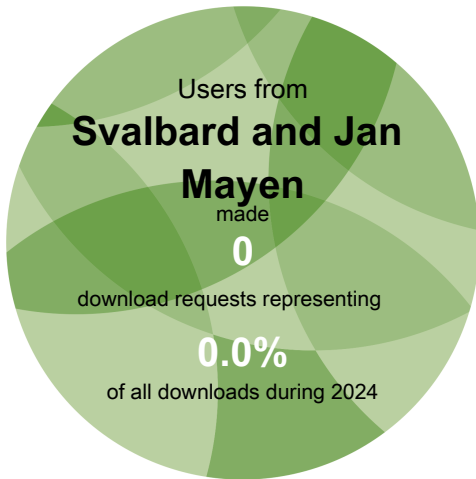


Number of records published by institutions in Svalbard and Jan Mayen, categorized by kingdom



## Access and usage

### Data downloads on GBIF.org from users in Svalbard and Jan Mayen



Monthly downloads requested by users in Svalbard and Jan Mayen



## Data availability

### Total data available for selected taxonomic groups in Svalbard and Jan Mayen



**Mammals**  
11,490  
occurrences



**Birds**  
236,017  
occurrences



**Bony fish**  
6,556  
occurrences



**Amphibians**  
130  
occurrences



**Insects**  
9,171  
occurrences



**Reptiles**  
6  
occurrences



**Molluscs**  
20,343  
occurrences



**Arachnids**  
2,100  
occurrences



**Flowering plants**  
70,992  
occurrences



**Ferns**  
2,260  
occurrences



**Gymnosperms**  
3,834  
occurrences



**Mosses**  
30,323  
occurrences



**Sac fungi**  
23,254  
occurrences



**Basidiomycota**  
11,144  
occurrences

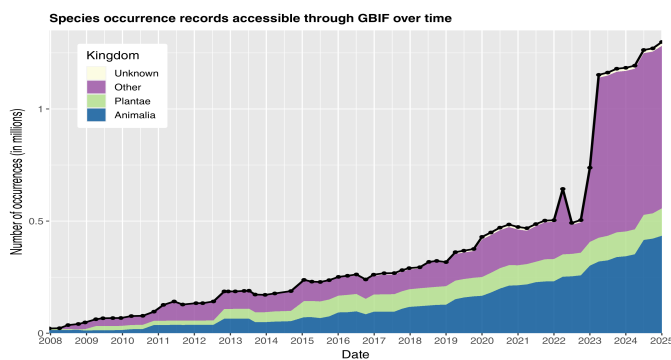
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

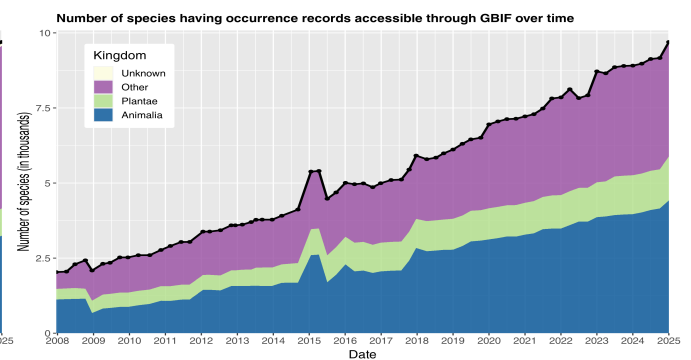
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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

### Change over time in records about biodiversity in Svalbard and Jan Mayen



Occurrence records available about species occurring in Svalbard and Jan Mayen



Species for which at least one occurrence record is available in Svalbard and Jan Mayen

#### 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 Svalbard and Jan Mayen

AB202 UNIS Cruise Phytoplankton 2024. *Published by The University Centre in Svalbard*  
<https://doi.org/10.15468/63kf5z>

HH\_AB202\_benthos\_2024. *Published by The University Centre in Svalbard*  
<https://doi.org/10.15468/ccrquf>

UNIS\_AB-202\_2024\_FISH. *Published by The University Centre in Svalbard*  
<https://doi.org/10.15468/vw8bdm>

Macrozooplankton Metadata. *Published by The University Centre in Svalbard*  
<https://doi.org/10.15468/dhfh3c>

Inventory of the terrestrial and freshwater fauna of the Svalbard archipelago. *Published by The University Centre in Svalbard*  
<https://doi.org/10.15468/mfcetc>

Megafauna of Vestbrona Carbonate Field and surrounding benthos from seafloor mosaics. *Published by The University Centre in Svalbard*  
<https://doi.org/10.15468/5vrbbj>

AB-201 course data 2022 UNIS. *Published by The University Centre in Svalbard*  
<https://doi.org/10.15468/uspzj2>

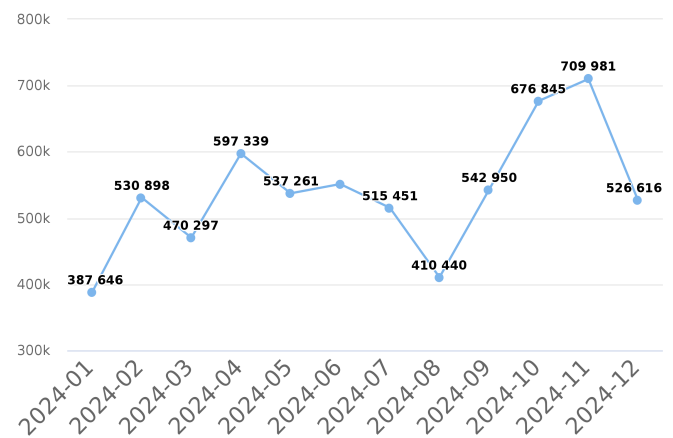
See all datasets from this country or area: [gbif.org/dataset/search?publishing\\_country=SJ](https://gbif.org/dataset/search?publishing_country=SJ)

### Newest publishers from Svalbard and Jan Mayen

The University Centre in Svalbard

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

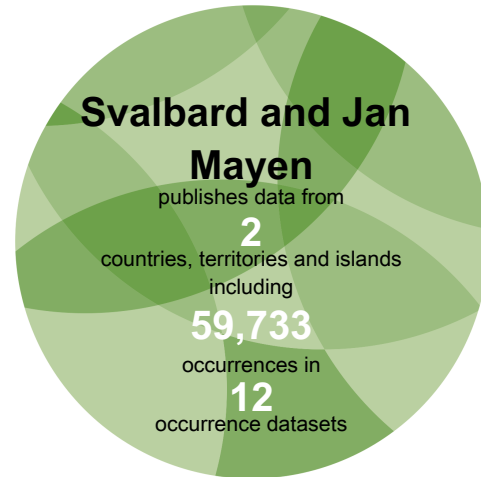
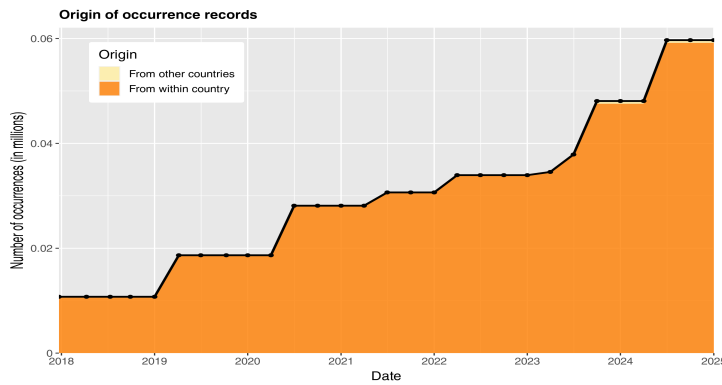
### Occurrence records downloaded from GBIF.org, published by institutions in Svalbard and Jan Mayen



Number of occurrence records downloaded via GBIF.org published by institutions in Svalbard and Jan Mayen

## Data mobilization

### Data sharing with country or area of origin by national institutions in Svalbard and Jan Mayen



Data sharing with country or area of origin

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

### Top data contributors about biodiversity in Svalbard and Jan Mayen

Rank	Country or area	No. of occurrences
1	Norway	862,358
2	United Kingdom	115,418
3	Svalbard and Jan Mayen	59,220
4	Germany	55,447
5	Sweden	40,410
6	Poland	39,939
7	Netherlands	33,915
8	United States of America	22,239
9	Russian Federation	19,145
10	Estonia	18,505

Table 1. Ranking of countries or areas contributing data about Svalbard and Jan Mayen

### Top datasets contributing data about Svalbard and Jan Mayen

- Nansen Legacy Bacterial and Archaeal community composition. *531,878 occurrences in Svalbard and Jan Mayen.* (Last updated 23 Mar 2023)
- Norwegian Species Observation Service. *149,310 occurrences in Svalbard and Jan Mayen.* (Last updated 31 Dec 2024)
- EOD – eBird Observation Dataset. *54,966 occurrences in Svalbard and Jan Mayen.* (Last updated 27 Sep 2024)
- IO PAS Arctic Zooplankton. *32,123 occurrences in Svalbard and Jan Mayen.* (Last updated 21 May 2024)
- svalbardflora.no. *24,011 occurrences in Svalbard and Jan Mayen.* (Last updated 6 Dec 2019)

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