

generated January 2026

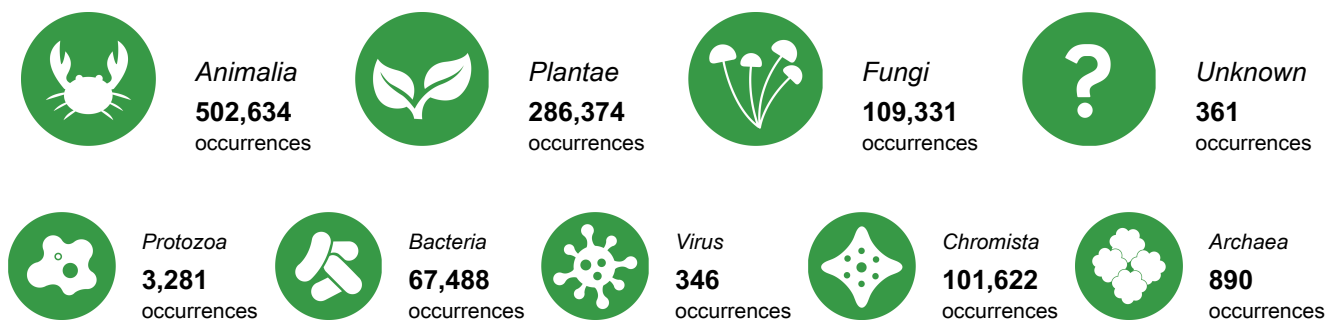
Greenland

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 Greenland. 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.

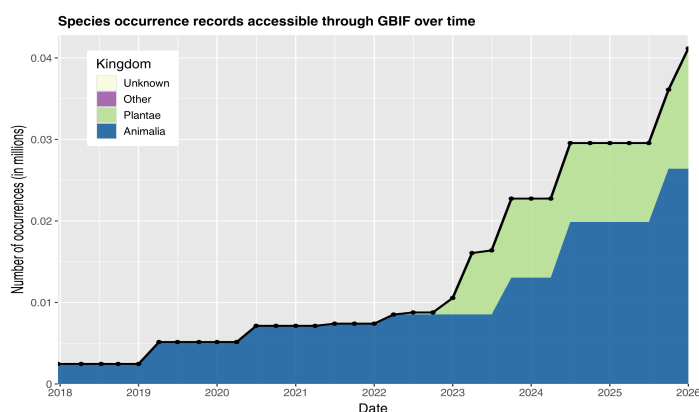
► Access and usage



► Data availability in Greenland



► Data mobilization

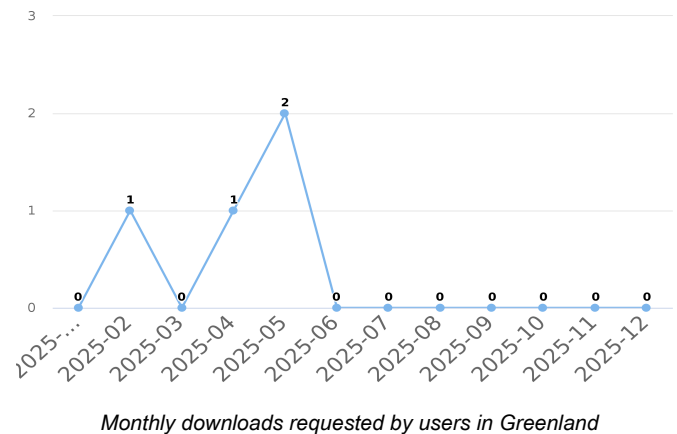
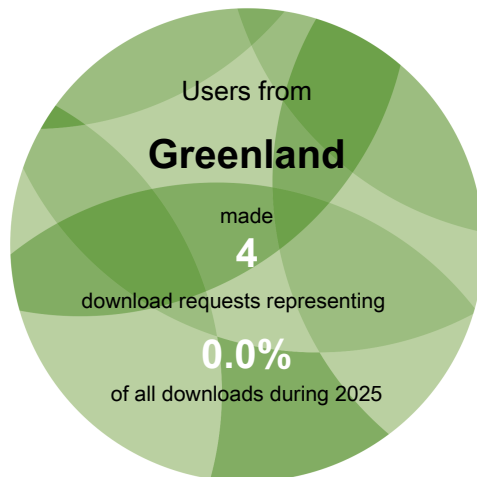


Number of records published by institutions in Greenland, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Greenland



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

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 Greenland.

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

Whitley, Abermann, Alsos *et al.* (2025) Harmonising digitised herbarium data to enhance biodiversity knowledge: Major steps towards an updated checklist for the flora of Greenland. *Plants, People, Planet*.
<https://doi.org/10.1002/ppp3.70044>

Sigwart, Allcock, Arantes *et al.* (2025) The first IUCN Red List of cold-water corals highlights global declines. *Marine Biodiversity*.
<https://doi.org/10.1007/s12526-025-01533-0>

Ovaskainen, Abrego, Furneaux *et al.* (2024) Global Spore Sampling Project: A global, standardized dataset of airborne fungal DNA. *Scientific Data*.
<https://doi.org/10.1038/s41597-024-03410-0>

Vihtakari, Hordoir, Treble *et al.* (2021) Pan-Arctic suitable habitat model for Greenland halibut. *ICES Journal of Marine Science*.
<https://doi.org/10.1093/icesjms/fsab007>

Wisz, Broennimann, Grønkjær *et al.* (2015) Arctic warming will promote Atlantic–Pacific fish interchange. *Nature Climate Change*.
<https://doi.org/10.1038/nclimate2500>

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



Data availability

Total data available for selected taxonomic groups in Greenland



Mammals
16,852
occurrences



Birds
78,095
occurrences



Bony fish
255,500
occurrences



Amphibians
466
occurrences



Insects
40,081
occurrences



Reptiles
6
occurrences



Molluscs
14,265
occurrences



Arachnids
5,247
occurrences



Flowering plants
236,921
occurrences



Ferns
9,999
occurrences



Gymnosperms
3,879
occurrences



Mosses
22,125
occurrences



Sac fungi
64,105
occurrences



Basidiomycota
41,685
occurrences

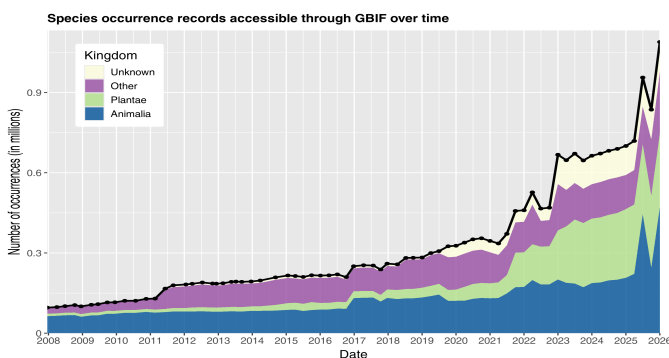
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

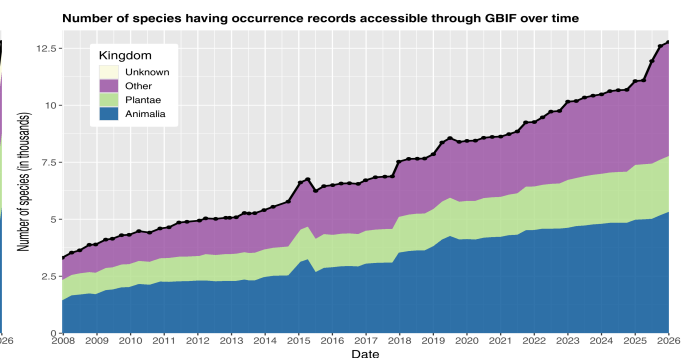
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Greenland



Occurrence records available about species occurring in Greenland



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

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 Greenland

- Vascular plants from Eirik Raude's Land. *Published by Greenland Institute of Natural Resources*
<https://doi.org/10.15468/dudsev>
- The vascular plants of south-east Greenland 60°04' to 64°30' N.Lat. 1933. *Published by Greenland Institute of Natural Resources*
<https://doi.org/10.15468/v4e6gm>
- The Flora of Melville Bugt 1943. *Published by Greenland Institute of Natural Resources*
<https://doi.org/10.15468/spq46v>
- Conspectus Florae Groenlandicae. *Published by Greenland Institute of Natural Resources*
<https://doi.org/10.15468/p5m5cd>
- Adventitious plants in Greenland 1972. *Published by Greenland Institute of Natural Resources*
<https://doi.org/10.15468/u6jcrp>
- Salt marshes on Qeqertarsuaq 1972. *Published by Greenland Institute of Natural Resources*
<https://doi.org/10.15468/gs5x3r>
- Vascular plant herbarium specimens at Greenland Institute of Natural Resources. *Published by Greenland Institute of Natural Resources*
<https://doi.org/10.15468/8s9bw9>

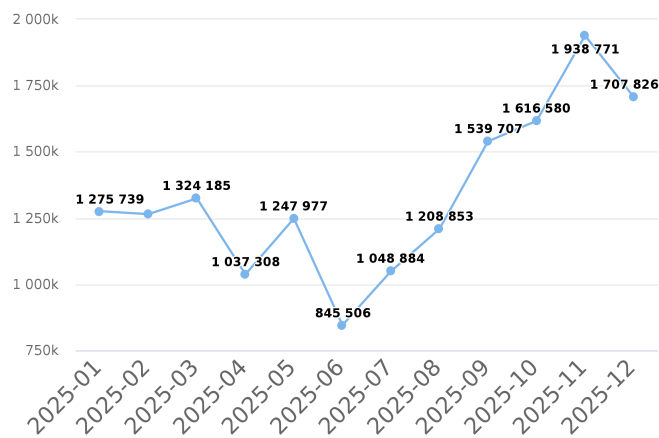
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=GL

Newest publishers from Greenland

Greenland Institute of Natural Resources

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

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

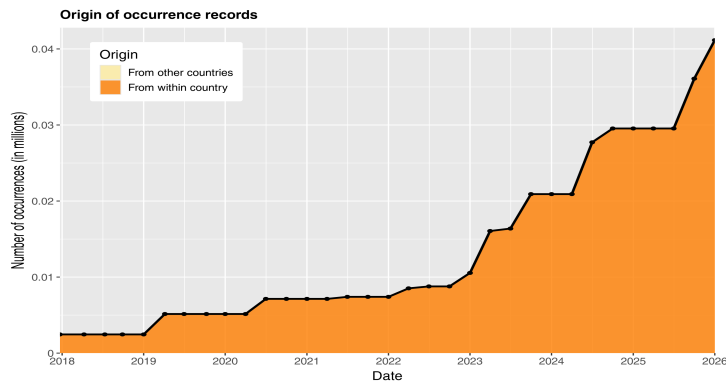


Number of occurrence records downloaded via GBIF.org published by institutions in Greenland

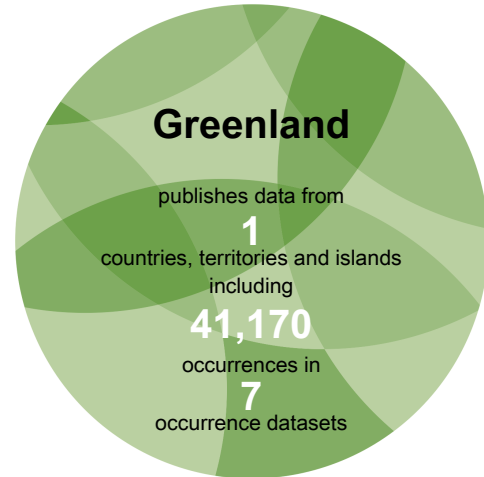


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Greenland

Rank	Country or area	No. of occurrences
1	Denmark	240,362
2	Canada	234,055
3	United Kingdom	132,009
4	United States of America	118,265
5	Estonia	77,162
6	Germany	60,974
7	International organization or unknown country	50,543
8	Norway	44,413
9	Greenland	41,157
10	Belgium	38,225

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

Top datasets contributing data about Greenland

Greenland Arctic Charr. 221,799 occurrences in Greenland. (Last updated 17 Dec 2025)

NHMD Vascular Plants Collection. 158,280 occurrences in Greenland. (Last updated 24 Dec 2025)

Global soil organisms. 70,257 occurrences in Greenland. (Last updated 27 Feb 2023)

The CPR Survey. 40,020 occurrences in Greenland. (Last updated 23 Feb 2022)

International Barcode of Life project (iBOL). 36,386 occurrences in Greenland. (Last updated 28 Nov 2025)

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