

generated January 2026

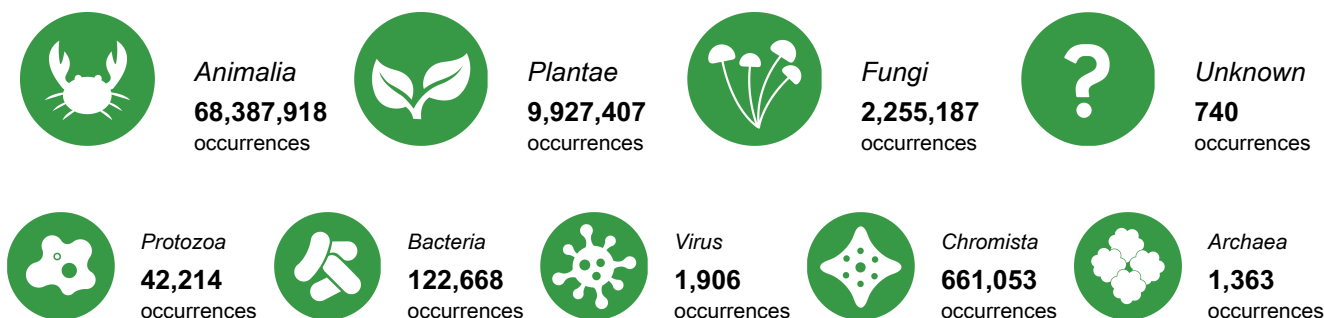
Norway

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 Norway. 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.

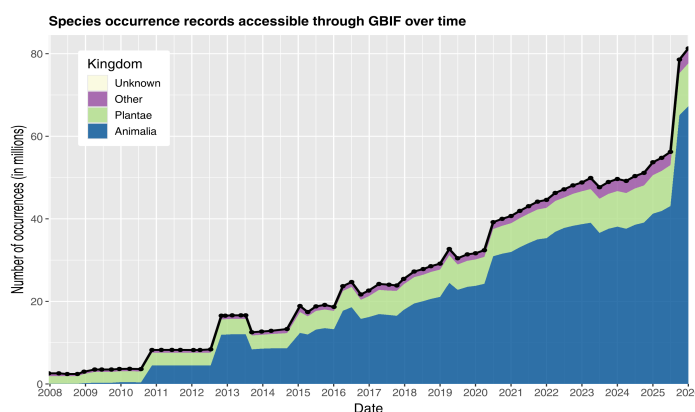
► Access and usage



► Data availability in Norway



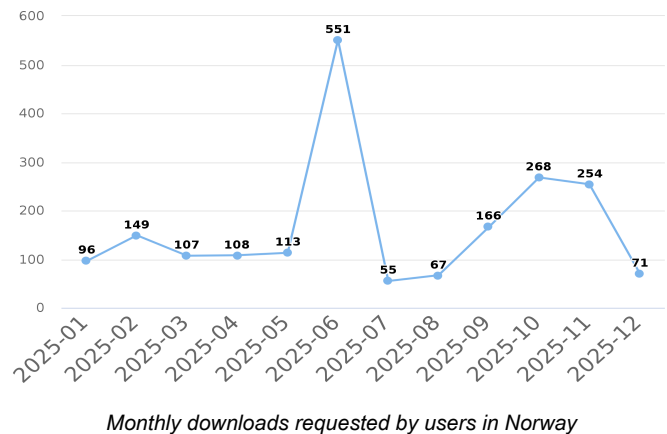
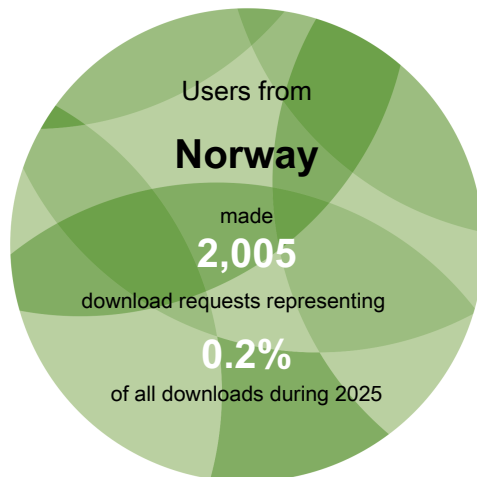
► Data mobilization



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

Access and usage

Data downloads on GBIF.org from users in Norway



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

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 Norway.

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

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>

Mungji, Galetti, Ratnam *et al.* (2025) Alien plants and novel ecosystems in the Greater Tropics. *Nature Reviews Biodiversity*.
<https://doi.org/10.1038/s44358-025-00068-3>

Montenegro, Kolbusz, Niyazi *et al.* (2025) An unexpected journey – the arctic deep-sea halicreatid trachymedusa *Botrynema brucei ellinorae* off Florida: a reassessment under an integrative taxonomic approach. *Deep Sea Research Part I: Oceanographic Research Papers*.
<https://doi.org/10.1016/j.dsr.2025.104551>

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>

Lucas, Thuiller, Talluto *et al.* (2025) Trophic Interactions Are Key to Understanding the Effects of Global Change on the Distribution and Functional Role of the Brown Bear. *Global Change Biology*.
<https://doi.org/10.1111/gcb.70252>

See all research from this country or area
gbif.org/country/NO/publications/from



Data availability

Total data available for selected taxonomic groups in Norway



Mammals
909,321
occurrences



Birds
33,225,938
occurrences



Bony fish
2,861,212
occurrences



Amphibians
44,090
occurrences



Insects
5,867,595
occurrences



Reptiles
22,829
occurrences



Molluscs
1,199,820
occurrences



Arachnids
169,182
occurrences



Flowering plants
8,234,777
occurrences



Ferns
438,882
occurrences



Gymnosperms
220,559
occurrences



Mosses
600,016
occurrences



Sac fungi
1,077,135
occurrences



Basidiomycota
1,145,679
occurrences

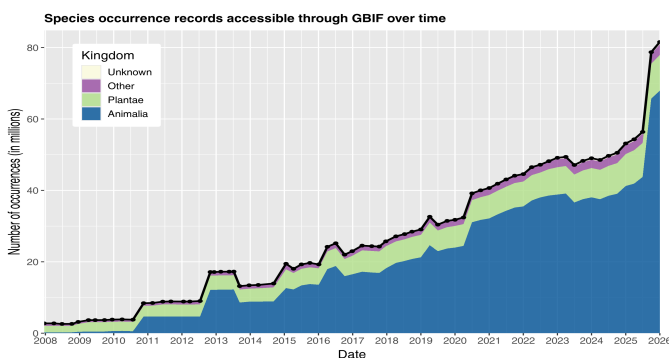
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

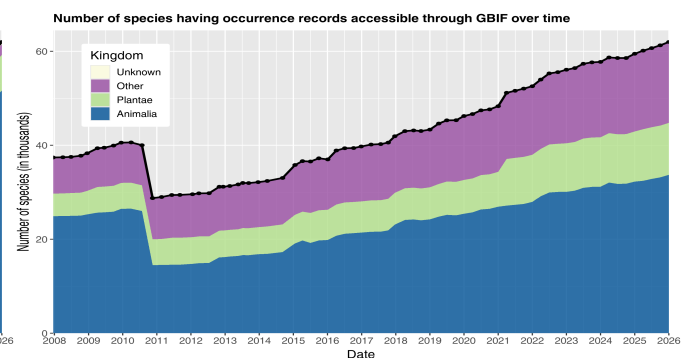
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Norway



Occurrence records available about species occurring in Norway



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

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 Norway

Mapping of vulnerable marine species and habitats, Moldefjorden in Molde. *Published by Aqua Kompetanse*
<https://doi.org/10.15468/9zrf44>

Mapping of vulnerable marine species and habitats, Frohavet-Flesafjorden, in Åfjord Municipality. *Published by Aqua Kompetanse*
<https://doi.org/10.15468/egvdme>

The Herptile (reptiles and amphibians) Collection of the University Museum of Bergen. *Published by University of Bergen*
<https://doi.org/10.15468/56jwra>

The Mammal Collection of the University Museum of Bergen. *Published by University of Bergen, Department of Biology*
<https://doi.org/10.15468/3s2pvz>

Specimens of marine invertebrates collected in coastal areas by environmental monitoring (1973–2000), housed at the University Museum of Bergen. *Published by University of Bergen*
<https://doi.org/10.15468/tz4vg7>

Mapping of vulnerable marine species and habitats, Brønnøyfjorden in Nærøysund. *Published by Aqua Kompetanse*
<https://doi.org/10.15468/5raanc>

See all datasets from this country or area: gbif.org/dataset/search?publishing_country=NO

Newest publishers from Norway

HUB Ocean

Aqua Kompetanse

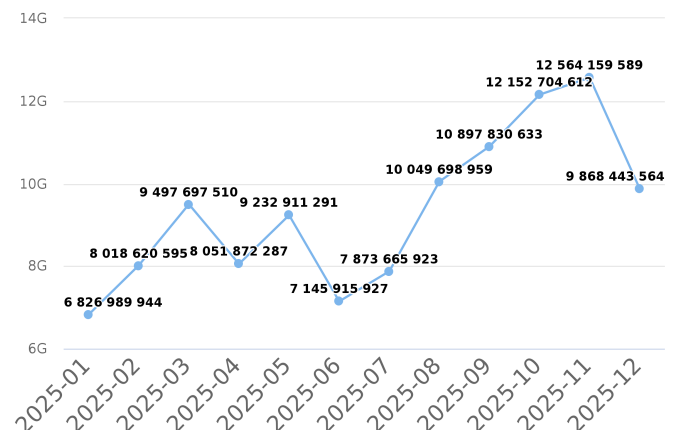
Norwegian Environment Agency

Miljølære.no

Blåst Spel AS

See all publishers from this country or area
gbif.org/publisher/search?country=NO

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

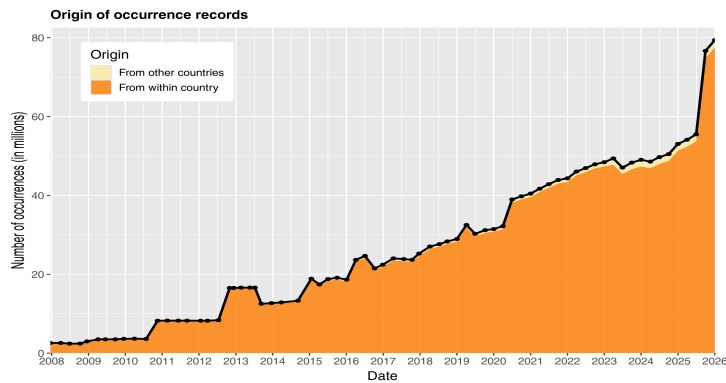


Number of occurrence records downloaded via
GBIF.org published by institutions in Norway

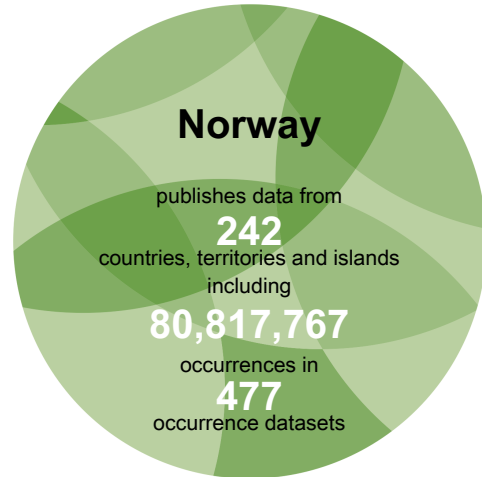


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Norway

Rank	Country or area	No. of occurrences
1	Norway	77,088,729
2	Canada	1,808,254
3	Denmark	609,573
4	United Kingdom	339,383
5	United States of America	330,534
6	Sweden	295,329
7	Netherlands	273,034
8	Belgium	262,912
9	Estonia	221,248
10	International organization or unknown country	217,362

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

Top datasets contributing data about Norway

- Norwegian Species Observation Service. 35,751,202 occurrences in Norway. (Last updated 23 Dec 2025)
- Visuelle undersøkelser - petroleumsvirksomhet. 19,433,338 occurrences in Norway. (Last updated 21 Nov 2025)
- Environmental Monitoring database (MOD) DNV. 2,158,601 occurrences in Norway. (Last updated 9 Aug 2023)
- EOD – eBird Observation Dataset. 1,896,136 occurrences in Norway. (Last updated 29 Oct 2025)
- Vannmiljø - artsforekomster. 1,827,132 occurrences in Norway. (Last updated 4 Jan 2026)

See all contributing countries and areas or datasets: gbif.org/country/NO/about



Norway participates in the following projects coordinated by GBIF

Expanding FAIR biodiversity data practices in Central Asia via regional workshops and collaborative networks

Capacity Enhancement Support Programme, 2025–2027

<https://www.gbif.org/project/CESP2025-004>

AI for specimen labels

Capacity Enhancement Support Programme, 2024–2025

<https://www.gbif.org/project/CESP2024-016>

GBIF in Central Asia: new aspects of development

Capacity Enhancement Support Programme, 2023–2024

<https://www.gbif.org/project/CESP2023-007>

Unlocking Slovakia's biodiversity through data publishing

Capacity Enhancement Support Programme, 2023–2024

<https://www.gbif.org/project/CESP2023-005>

Kick-starting the biodiversity data publication process for Tajikistan

Capacity Enhancement Support Programme, 2022–2023

<https://www.gbif.org/project/CESP2022-001>

European Bireme: EU Nodes in biodiversity reporting mechanisms

Capacity Enhancement Support Programme, 2017–2018

By detailing national reporting processes and data flows in several European Union member states, this project explored how changes to GBIF tools and procedures could streamline and improve biodiversity reporting across the region.

<https://www.gbif.org/project/83336>

Mobilizing biodiversity data from ASEAN protected areas

BIFA: Biodiversity Information Fund for Asia, 2016–2016

The goal of this project was to facilitate the mobilization of biodiversity information from ASEAN Heritage Parks - regionally significant protected areas for biodiversity.

<https://www.gbif.org/project/82651>

See all GBIF projects
[gbif.org/resource/search?contentType=project](https://www.gbif.org/resource/search?contentType=project)