Åland Islands

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 Åland Islands. 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

Researchers from Åland Islands contributed to 1 peer-reviewed articles citing GBIF use during 2023 and a total of 1 articles since 2008.

▶ Data availability in Åland Islands

<table>
<thead>
<tr>
<th>Kingdom</th>
<th>Occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animalia</td>
<td>1,216,062</td>
</tr>
<tr>
<td>Plantae</td>
<td>342,097</td>
</tr>
<tr>
<td>Fungi</td>
<td>6,100</td>
</tr>
<tr>
<td>Unknown</td>
<td>1,028</td>
</tr>
<tr>
<td>Protozoa</td>
<td>74</td>
</tr>
<tr>
<td>Bacteria</td>
<td>423</td>
</tr>
<tr>
<td>Virus</td>
<td>2</td>
</tr>
<tr>
<td>Chromista</td>
<td>258</td>
</tr>
<tr>
<td>Archaea</td>
<td>0</td>
</tr>
</tbody>
</table>

▶ Data mobilization

Institutions from Åland Islands published 0 new occurrence records during 2023 out of a total of 355,993,458 occurrence records added globally to GBIF.org.

No data available

Number of records published by institutions in Åland Islands, categorized by kingdom
Access and usage

Data downloads on GBIF.org from users in Åland Islands

Users from Åland Islands made 0 download requests representing 0.0% of all downloads during 2023.

Monthly downloads requested by users in Åland Islands

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

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 Åland Islands.

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

Chesshire, Fischer, Dowdy et al. (2023) Completeness analysis for over 3000 United States bee species identifies persistent data gap. *Ecography*.  
https://doi.org/10.1111/ecog.06584

See all research from this country or area gbif.org/country/AX/publications/from
Data availability

Total data available for selected taxonomic groups in Åland Islands

- **Mammals**: 1,775 occurrences
- **Birds**: 947,889 occurrences
- **Bony fish**: 215 occurrences
- **Amphibians**: 96 occurrences
- **Insects**: 258,449 occurrences
- **Reptiles**: 454 occurrences
- **Molluscs**: 2,840 occurrences
- **Arachnids**: 2,075 occurrences
- **Flowering plants**: 316,463 occurrences
- **Ferns**: 12,985 occurrences
- **Gymnosperms**: 5,690 occurrences
- **Mosses**: 4,007 occurrences
- **Sac fungi**: 1,956 occurrences
- **Basidiomycota**: 4,127 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 Åland Islands

**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.

![Image showing change over time in records about biodiversity in Åland Islands]
Newest publishers from Åland Islands

No data available

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

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

Number of occurrence records downloaded via GBIF.org published by institutions in Åland Islands
Data mobilization

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

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

### Top data contributors about biodiversity in Åland Islands

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Finland</td>
<td>1,545,655</td>
</tr>
<tr>
<td>2</td>
<td>Sweden</td>
<td>4,605</td>
</tr>
<tr>
<td>3</td>
<td>International organization or unknown country</td>
<td>3,693</td>
</tr>
<tr>
<td>4</td>
<td>United Kingdom</td>
<td>3,427</td>
</tr>
<tr>
<td>5</td>
<td>Belgium</td>
<td>2,474</td>
</tr>
<tr>
<td>6</td>
<td>United States of America</td>
<td>2,027</td>
</tr>
<tr>
<td>7</td>
<td>Netherlands</td>
<td>1,908</td>
</tr>
<tr>
<td>8</td>
<td>France</td>
<td>522</td>
</tr>
<tr>
<td>9</td>
<td>Estonia</td>
<td>509</td>
</tr>
<tr>
<td>10</td>
<td>Denmark</td>
<td>322</td>
</tr>
</tbody>
</table>

Table 1. Ranking of countries or areas contributing data about Åland Islands

### Top datasets contributing data about Åland Islands

- **Ringing and recovery database of birds (TIPU).** *823,720 occurrences in Åland Islands.* (Last updated 20 Nov 2023)
- **Kastikka Floristic Archives (Kastikka Ark).** *179,997 occurrences in Åland Islands.* (Last updated 1 Jan 2024)
- **Kastikka Literature Sources.** *69,669 occurrences in Åland Islands.* (Last updated 29 Dec 2023)
- **Lajitietokeskus/FinBIF - Notebook, general observations.** *64,895 occurrences in Åland Islands.* (Last updated 26 Dec 2023)
- **Finnish Insect Database.** *60,497 occurrences in Åland Islands.* (Last updated 2 Jan 2024)

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