Democratic People’s Republic of Korea

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 Democratic People’s Republic of Korea. 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 Democratic People’s Republic of Korea contributed to 0 peer-reviewed articles citing GBIF use during 2023 and a total of 3 articles since 2008.

Data availability in Democratic People’s Republic of Korea

- **Animalia**: 14,967 occurrences
- **Plantae**: 40,808 occurrences
- **Fungi**: 851 occurrences
- **Unknown**: 277 occurrences
- **Protozoa**: 3 occurrences
- **Bacteria**: 12 occurrences
- **Virus**: 6 occurrences
- **Chromista**: 40 occurrences
- **Archaea**: 0 occurrences

Data mobilization

Institutions from Democratic People’s Republic of Korea published 57 new occurrence records during 2023 out of a total of 355,993,458 occurrence records added globally to GBIF.org.
Access and usage

Data downloads on GBIF.org from users in Democratic People’s Republic of Korea

Users from Democratic People’s Republic of Korea made 2 download requests representing 0.0% of all downloads during 2023.

Recent peer-reviewed articles using GBIF-mediated data by co-authors based in Democratic People’s Republic of Korea

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 Democratic People’s Republic of Korea.

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


Borzée, Messenger, Chae et al. (2020) Yellow sea mediated segregation between North East Asian Dryophytes species. PLOS ONE. https://doi.org/10.1371/journal.pone.0234299

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

Total data available for selected taxonomic groups in Democratic People's Republic of Korea

<table>
<thead>
<tr>
<th>Taxonomic Group</th>
<th>Scientific Name</th>
<th>Occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mammals</td>
<td>Class Mammalia</td>
<td>703</td>
</tr>
<tr>
<td>Birds</td>
<td>Class Aves</td>
<td>8,547</td>
</tr>
<tr>
<td>Bony fish</td>
<td>Superclass Osteichthyes p.p.</td>
<td>321</td>
</tr>
<tr>
<td>Amphibians</td>
<td>Class Amphibia</td>
<td>670</td>
</tr>
<tr>
<td>Insects</td>
<td>Class Insecta</td>
<td>3,815</td>
</tr>
<tr>
<td>Reptiles</td>
<td>Class Testudines, Sphenodontia, Squamata &amp; Crocodylia</td>
<td>245</td>
</tr>
<tr>
<td>Molluscs</td>
<td>Phylum Mollusca</td>
<td>245</td>
</tr>
<tr>
<td>Arachnids</td>
<td>Class Arachnida</td>
<td>148</td>
</tr>
<tr>
<td>Flowering plants</td>
<td>Phylum Magnoliophyta</td>
<td>38,093</td>
</tr>
<tr>
<td>Ferns</td>
<td>Phylum Pteridophyta</td>
<td>1,532</td>
</tr>
<tr>
<td>Gymnosperms</td>
<td>Phylum Gymnospermae</td>
<td>774</td>
</tr>
<tr>
<td>Mosses</td>
<td>Phylum Bryophyta</td>
<td>100</td>
</tr>
<tr>
<td>Sac fungi</td>
<td>Phylum Ascomycota</td>
<td>97</td>
</tr>
<tr>
<td>Basidiomycota</td>
<td>Phylum Basidiomycota</td>
<td>753</td>
</tr>
</tbody>
</table>

Mammals = Class Mammalia
Birds = Class Aves
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 Democratic People’s Republic of Korea

Occurrence records available about species occurring in Democratic People’s Republic of Korea

Species occurrence records accessible through GBIF over time

Number of species having occurrence records accessible through GBIF over time

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.
Newest publishers from Democratic People's Republic of Korea

No data available

Occurrence records downloaded from GBIF.org, published by institutions in Democratic People's Republic of Korea

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

Number of occurrence records downloaded via GBIF.org published by institutions in Democratic People's Republic of Korea
Data mobilization
Data sharing with country or area of origin by national institutions in Democratic People’s Republic of Korea

The chart above shows the number of records shared over time by publishers within Democratic People’s Republic of Korea, with separate colours for records about species occurring within undefined and those occurring elsewhere.

Top data contributors about biodiversity in Democratic People’s Republic of Korea

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Republic of Korea</td>
<td>32,308</td>
</tr>
<tr>
<td>2</td>
<td>China</td>
<td>6,004</td>
</tr>
<tr>
<td>3</td>
<td>United States of America</td>
<td>5,361</td>
</tr>
<tr>
<td>4</td>
<td>Democratic People’s Republic of Korea</td>
<td>3,941</td>
</tr>
<tr>
<td>5</td>
<td>Colombia</td>
<td>1,849</td>
</tr>
<tr>
<td>6</td>
<td>Japan</td>
<td>1,461</td>
</tr>
<tr>
<td>7</td>
<td>International organization or unknown country</td>
<td>1,339</td>
</tr>
<tr>
<td>8</td>
<td>Poland</td>
<td>1,204</td>
</tr>
<tr>
<td>9</td>
<td>United Kingdom</td>
<td>662</td>
</tr>
<tr>
<td>10</td>
<td>Sweden</td>
<td>586</td>
</tr>
</tbody>
</table>

Table 1. Ranking of countries or areas contributing data about Democratic People’s Republic of Korea

Top datasets contributing data about Democratic People’s Republic of Korea

- Flora of the Korean Peninsula Phase II. 23,919 occurrences in Democratic People’s Republic of Korea. (Last updated 26 May 2021)
- World Plant Specimen from the Herbaria in China. 6,004 occurrences in Democratic People’s Republic of Korea. (Last updated 5 Mar 2023)
- EOD – eBird Observation Dataset. 3,941 occurrences in Democratic People’s Republic of Korea. (Last updated 20 Aug 2023)
- Flora of the Korean Peninsula. 3,107 occurrences in Democratic People’s Republic of Korea. (Last updated 26 May 2021)
- A global database for the distributions of crop wild relatives. 1,849 occurrences in Democratic People’s Republic of Korea. (Last updated 6 Jun 2019)

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