

generated January 2025

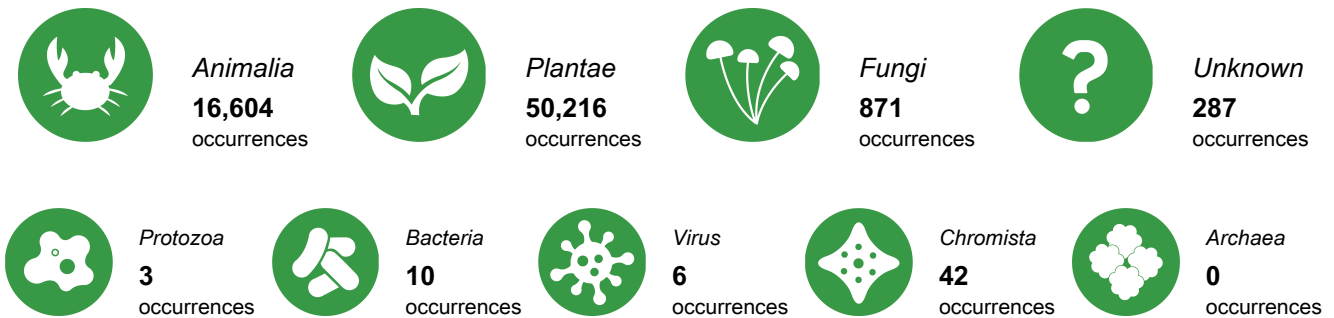
Democratic People's Republic of Korea

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.

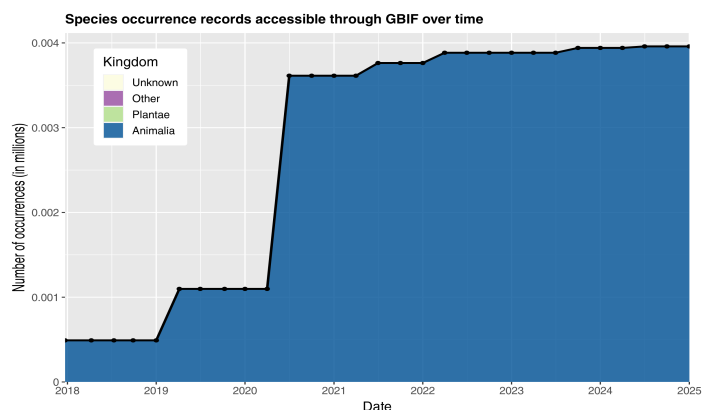
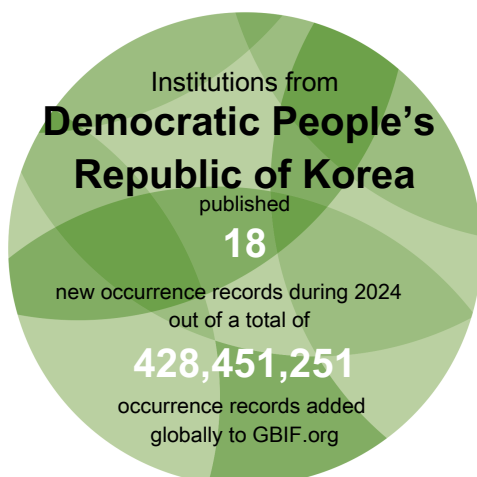
► Access and usage



► Data availability in Democratic People's Republic of Korea



► Data mobilization

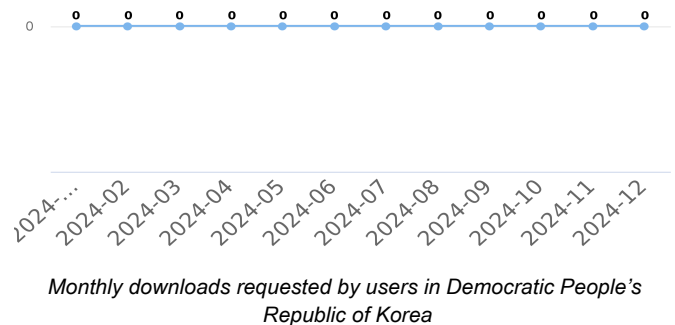
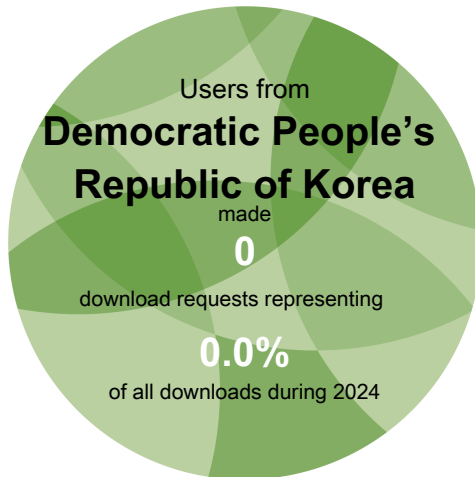


Number of records published by institutions in Democratic People's Republic of Korea, categorized by kingdom



Access and usage

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



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.

Gross, Duffy, Hovel *et al.* (2024) A Latitudinal Cline in the Taxonomic Structure of Eelgrass Epifaunal Communities is Associated With Plant Genetic Diversity. *Global Ecology and Biogeography*.
<https://doi.org/10.1111/geb.13918>

Hordijk, Bialic-Murphy, Lauber *et al.* (2024) Dominance and rarity in tree communities across the globe: Patterns, predictors and threats. *Global Ecology and Biogeography*.
<https://doi.org/10.1111/geb.13889>

Kang, Roda, Misiaszek *et al.* (2024) Detection of *Ochyromera ligustri* (Coleoptera: Curculionidae: Curculioninae) in *Ligustrum* spp. (Oleaceae) Using Newly Developed PCR Primers. *Insects*.
<https://doi.org/10.3390/insects15050320>

Abedin, Mukherjee, Kim *et al.* (2024) Distribution Model Reveals Rapid Decline in Habitat Extent for Endangered Hispid Hare: Implications for Wildlife Management and Conservation Planning in Future Climate Change Scenarios. *Biology*.
<https://doi.org/10.3390/biology13030198>

Xu, Guo, Serra-Diaz *et al.* (2023) Global beta-diversity of angiosperm trees is shaped by Quaternary climate change. *Science Advances*.
<https://doi.org/10.1126/sciadv.add8553>

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



Mammals
717
occurrences



Birds
8,671
occurrences



Bony fish
329
occurrences



Amphibians
708
occurrences



Insects
4,789
occurrences



Reptiles
329
occurrences



Molluscs
280
occurrences



Arachnids
433
occurrences



Flowering plants
46,709
occurrences



Ferns
2,020
occurrences



Gymnosperms
953
occurrences



Mosses
104
occurrences



Sac fungi
99
occurrences



Basidiomycota
771
occurrences

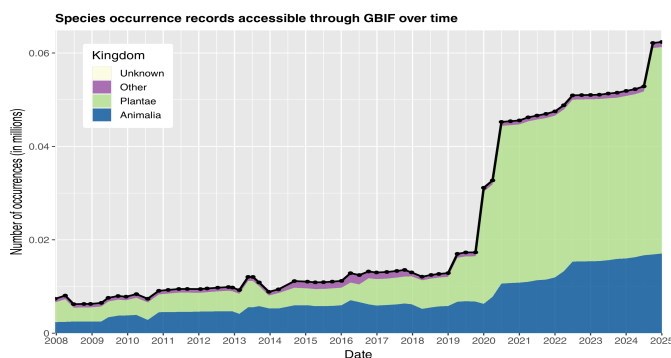
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

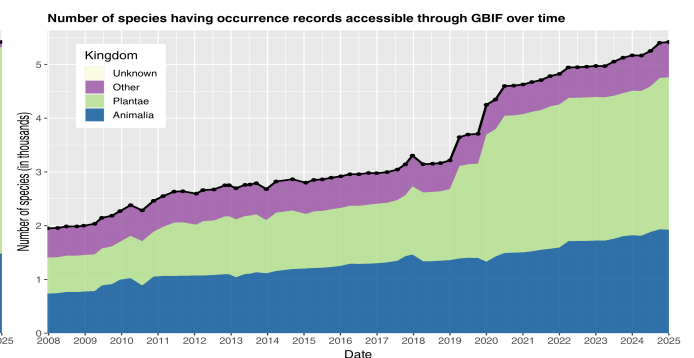
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Democratic People's Republic of Korea



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



Species for which at least one occurrence record is available in Democratic People's Republic of Korea

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.

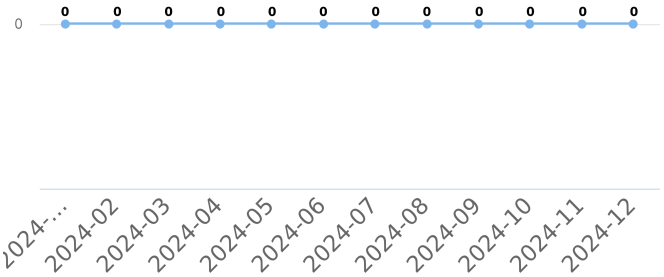
SPECIES COUNTS represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



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



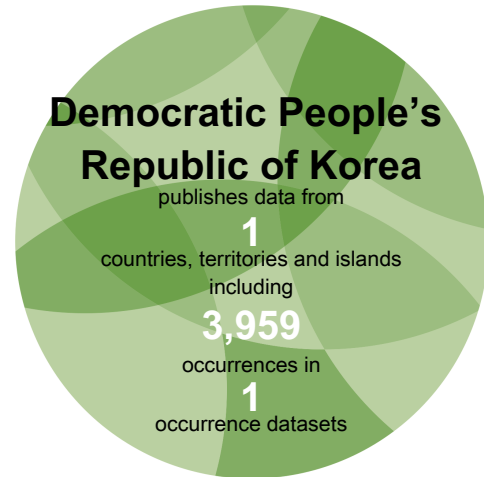
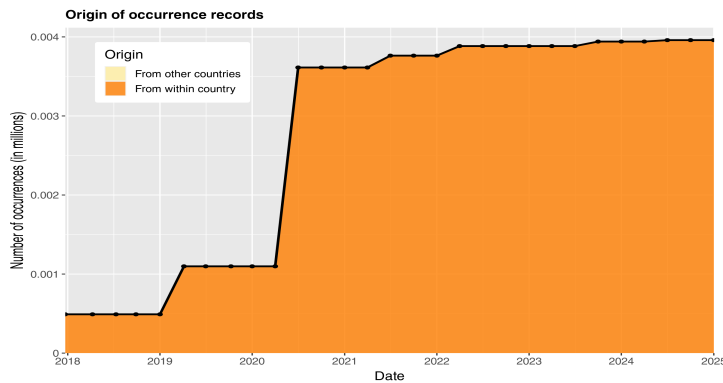
See all publishers from this country or area gbif.org/publisher/search?country=KP

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



Data sharing with country or area of origin

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

Rank	Country or area	No. of occurrences
1	Republic of Korea	41,135
2	China	6,004
3	United States of America	5,779
4	Democratic People's Republic of Korea	3,959
5	Poland	2,156
6	Colombia	1,849
7	Japan	1,722
8	International organization or unknown country	1,367
9	United Kingdom	903
10	Sweden	779

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)
- V.L.Komarov's expedition to Russia, China, and Korea from 1895 to 1897. 8,827 occurrences in Democratic People's Republic of Korea. (Last updated 27 Nov 2024)
- 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. 3,959 occurrences in Democratic People's Republic of Korea. (Last updated 27 Sep 2024)
- Flora of the Korean Peninsula. 3,107 occurrences in Democratic People's Republic of Korea. (Last updated 7 May 2024)

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