

generated January 2025

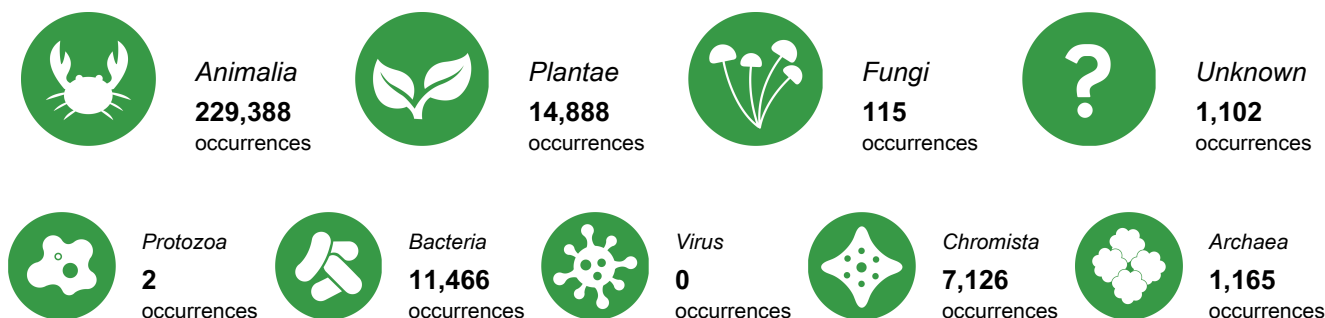
Northern Mariana Islands

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 Northern Mariana 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.

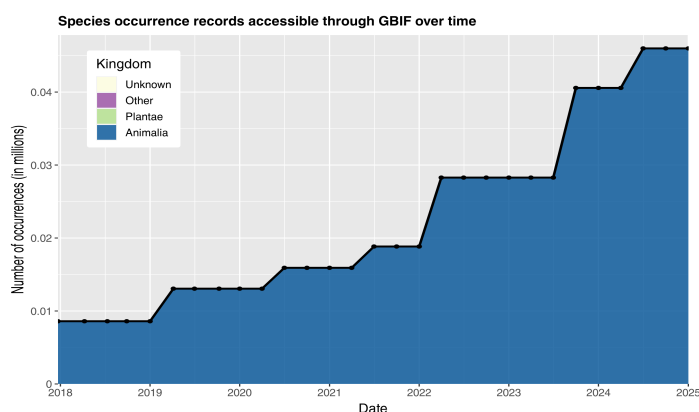
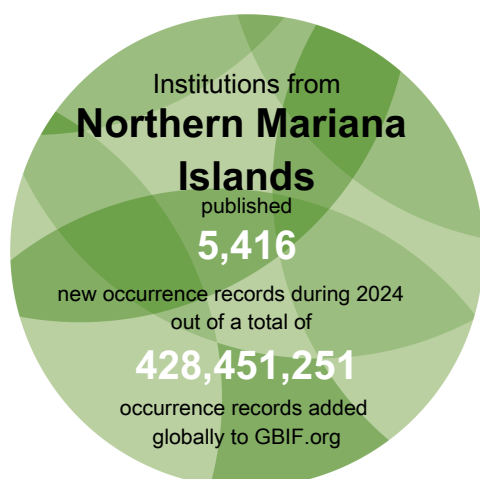
► Access and usage



► Data availability in Northern Mariana Islands



► Data mobilization

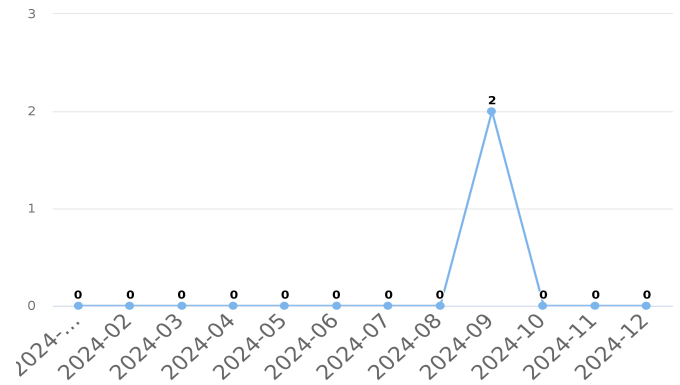
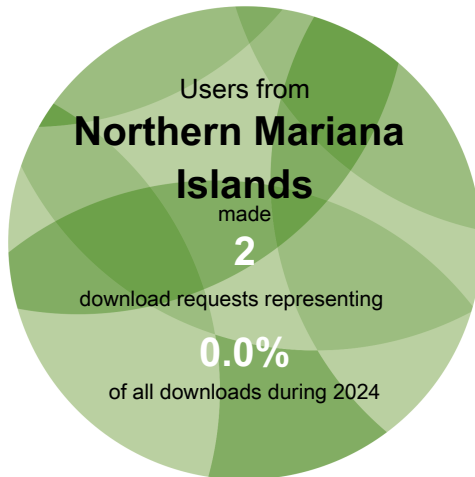


Number of records published by institutions in Northern Mariana Islands, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Northern Mariana Islands



Monthly downloads requested by users in Northern Mariana Islands

Recent peer-reviewed articles using GBIF-mediated data by co-authors based in Northern Mariana 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 Northern Mariana 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.

Caplat, Emmerson, Gaul *et al.* (2022) Modelling the distribution of rare invertebrates by correcting class imbalance and spatial bias. *Diversity and Distributions*.

<https://doi.org/10.1111/ddi.13619>

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



Data availability

Total data available for selected taxonomic groups in Northern Mariana Islands



Mammals
906
occurrences



Birds
48,411
occurrences



Bony fish
156,338
occurrences



Amphibians
106
occurrences



Insects
4,999
occurrences



Reptiles
3,854
occurrences



Molluscs
3,496
occurrences



Arachnids
254
occurrences



Flowering plants
10,542
occurrences



Ferns
823
occurrences



Gymnosperms
38
occurrences



Mosses
350
occurrences



Sac fungi
54
occurrences



Basidiomycota
38
occurrences

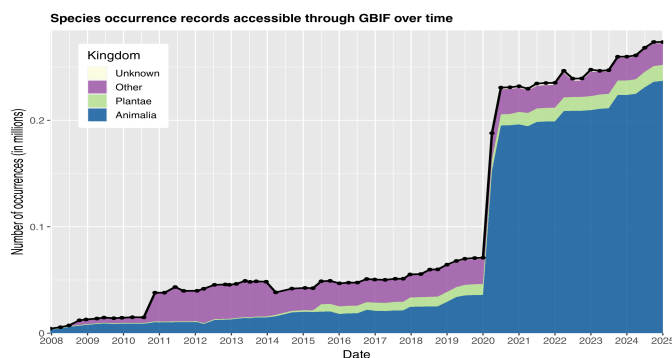
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

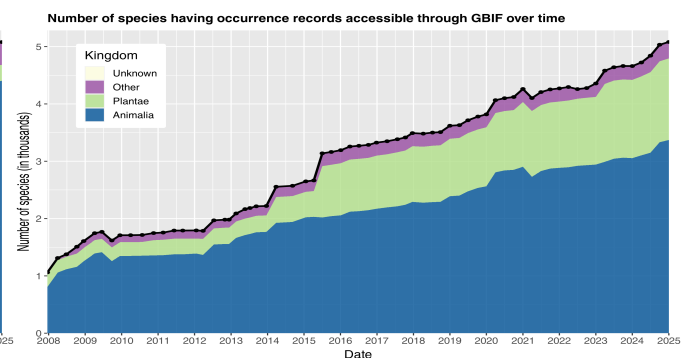
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Northern Mariana Islands



Occurrence records available about species occurring
in Northern Mariana Islands



Species for which at least one occurrence record is
available in Northern Mariana 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.

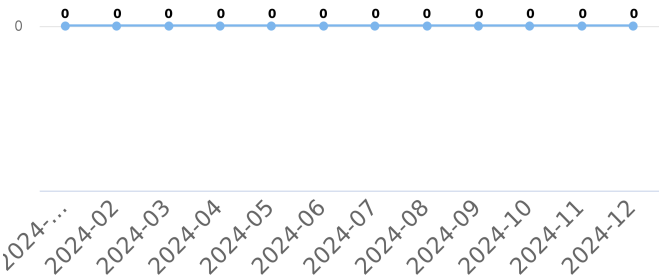
SPECIES COUNTS represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



Newest publishers from Northern Mariana Islands

No data available

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



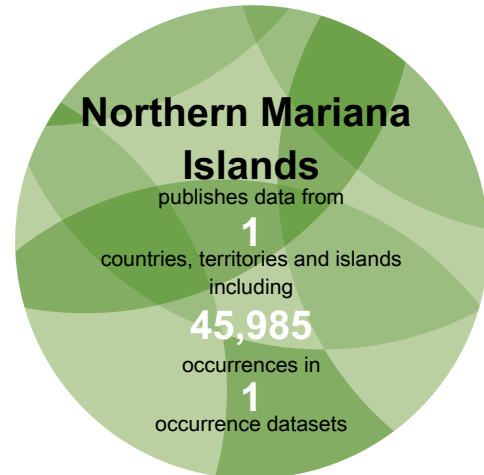
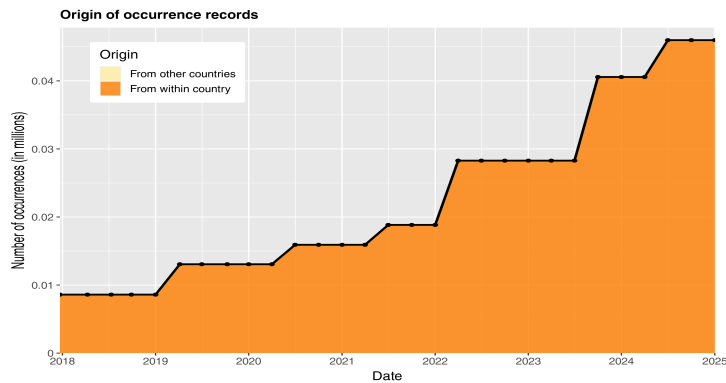
See all publishers from this country or area
gbif.org/publisher/search?country=MP

Number of occurrence records downloaded via GBIF.org published by institutions in Northern Mariana Islands



Data mobilization

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



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Northern Mariana Islands

Rank	Country or area	No. of occurrences
1	United States of America	204,191
2	Northern Mariana Islands	45,985
3	Germany	7,272
4	Japan	3,657
5	Netherlands	1,103
6	International organization or unknown country	719
7	South Africa	512
8	United Kingdom	449
9	Australia	437
10	France	271

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

Top datasets contributing data about Northern Mariana Islands

NOAA Pacific Islands Fisheries Science Center, Ecosystem Sciences Division, National Coral Reef Monitoring Program: Stratified random surveys (StRS) of reef fish in the U.S. Pacific Islands. *105,181 occurrences in Northern Mariana Islands.* (Last updated 2 Nov 2022)

EOD – eBird Observation Dataset. *45,985 occurrences in Northern Mariana Islands.* (Last updated 27 Sep 2024)

NOAA Pacific Islands Fisheries Science Center, Ecosystem Science Division Coral Reef Ecosystem Program, Rapid Ecological Assessments of Fish Belt Transect Surveys (BLT) at Coral Reef Sites across the Pacific Ocean from 2000 to 2009. *39,577 occurrences in Northern Mariana Islands.* (Last updated 27 Jan 2023)

MICROBIS database. *12,640 occurrences in Northern Mariana Islands.* (Last updated 23 Mar 2018)

NMNH Extant Specimen Records (USNM, US). *9,192 occurrences in Northern Mariana Islands.* (Last updated 2 Jan 2025)

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