

generated January 2026

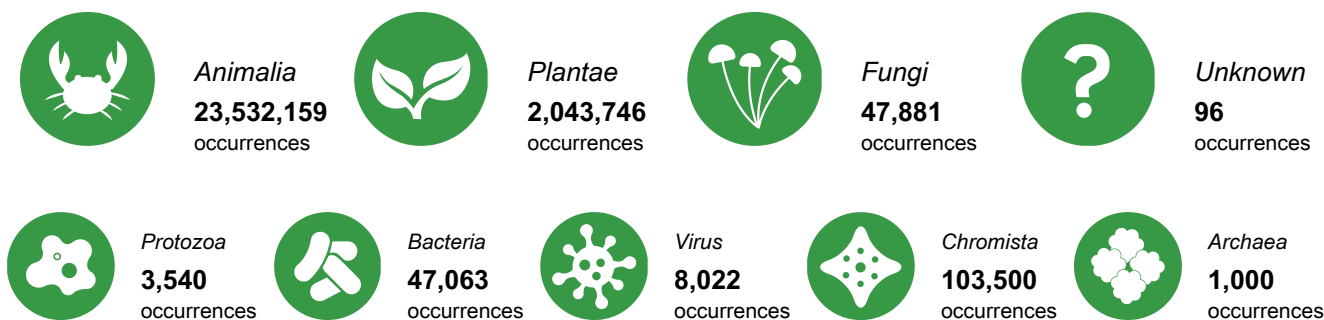
Taiwan

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 Taiwan. 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.

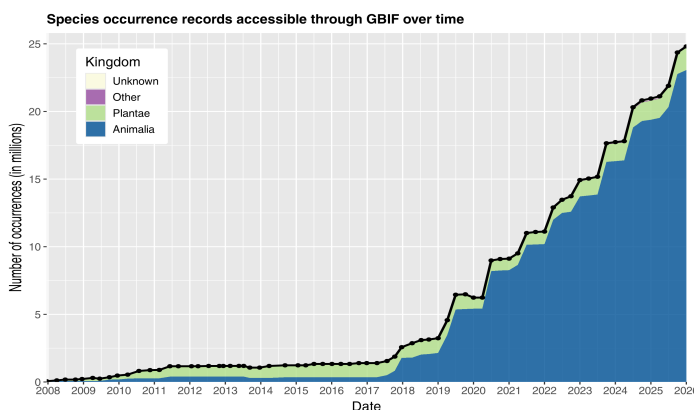
► Access and usage



► Data availability in Taiwan



► Data mobilization

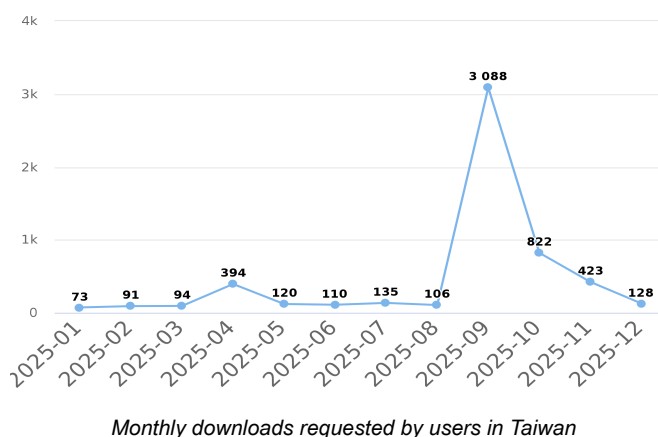
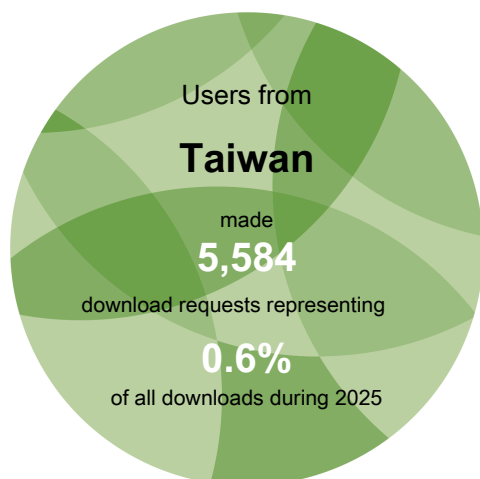


Number of records published by institutions in Taiwan,
categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Taiwan



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

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 Taiwan.

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

Sayseng, Chuang. (2025) Integrating Citizen Science and Remote Sensing Data to Identify Key Environmental Factors Influencing H5N1 Avian Influenza Virus Potential Spillover Risk in the Philippines. *GeoHealth*.
<https://doi.org/10.1029/2025gh001405>

Liao, Sakagami, Lewin *et al.* (2025) Animal–chlorophyte photosymbioses: evolutionary origins and ecological diversity. *Biology Letters*.
<https://doi.org/10.1098/rsbl.2025.0250>

Hashemian, Naderloo, Shahdadi *et al.* (2025) Species richness patterns of brachyuran crabs in the Persian Gulf and the Gulf of Oman. *Deep Sea Research Part II: Topical Studies in Oceanography*.
<https://doi.org/10.1016/j.dsr2.2025.105508>

Reji Chacko, Albouy, Altermatt *et al.* (2025) A species-level multi-trophic metaweb for Switzerland. *Scientific Data*.
<https://doi.org/10.1038/s41597-025-05487-7>

Yau, Jones, Tsang *et al.* (2025) Spatial occurrence records and distributions of tropical Asian butterflies. *Scientific Data*.
<https://doi.org/10.1038/s41597-025-05333-w>

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



Data availability

Total data available for selected taxonomic groups in Taiwan



Mammals
201,324
occurrences



Birds
20,978,063
occurrences



Bony fish
185,740
occurrences



Amphibians
543,498
occurrences



Insects
1,378,144
occurrences



Reptiles
76,397
occurrences



Molluscs
60,379
occurrences



Arachnids
22,843
occurrences



Flowering plants
1,714,980
occurrences



Ferns
259,222
occurrences



Gymnosperms
15,007
occurrences



Mosses
17,492
occurrences



Sac fungi
23,735
occurrences



Basidiomycota
18,881
occurrences

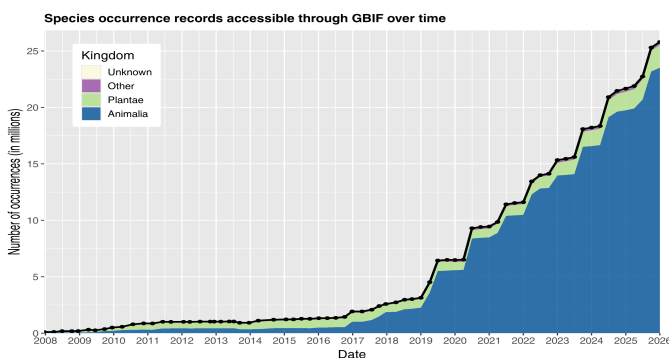
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

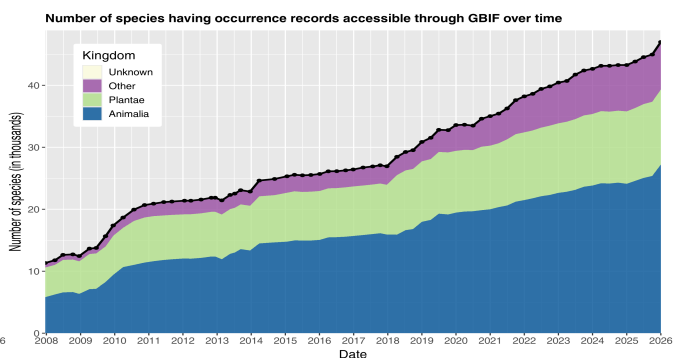
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Taiwan



Occurrence records available about species occurring in Taiwan



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

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 Taiwan

2024石門供油服務中心生物資源調查計畫生態調查成果. *Published by CPC Corporation, Taiwan (CPC)*

<https://doi.org/10.15468/74vpv7>

LTSER Lyudao Land Plants - Plot Survey. *Published by National Science and Technology Council (NSTC)*

<https://doi.org/10.15468/f7ejkc>

LTSER Lyudao - Terrestrial soundscape monitoring – bird sound identification. *Published by National Science and Technology Council (NSTC)*

<https://doi.org/10.15468/bxvtxe>

台灣中油_生態地圖APP成果 The result of the ecological map APP from CPC Corporation Taiwan.

Published by CPC Corporation, Taiwan (CPC)

<https://doi.org/10.15468/b8bq8k>

Ecological Survey Data of the Eastern Waters off South Penghu Marine National Park. *Published by Department of Oceanography, National Sun Yat-sen University, Kaohsiung Taiwan*

<https://doi.org/10.15468/re45fh>

Herbarium, Biodiversity Research Museum, Academia Sinica (HAST). *Published by Biodiversity Research Museum, Academia Sinica, Taiwan*

<https://doi.org/10.15468/c664ha>

See all datasets from this country or area: gbif.org/dataset/search?publishing_country=TW

Newest publishers from Taiwan

Department of Forestry, National Pingtung University of Science and Technology

羽林生態股份有限公司-FEATHERED FOREST ECOLOGICAL WORK CO. LTD

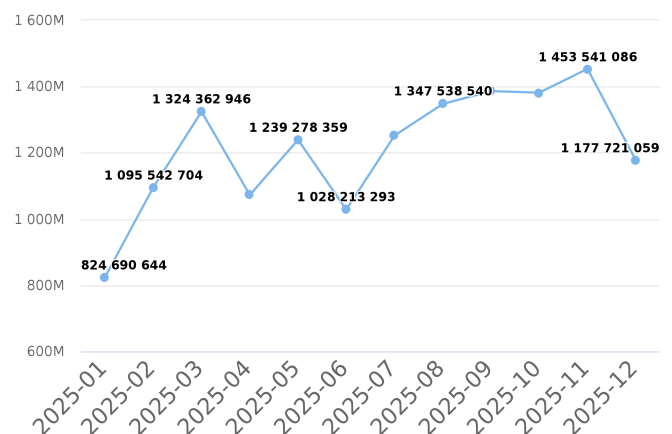
CPC Corporation, Taiwan (CPC)

National Museum of Natural Science

逢甲大學水利發展中心

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

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

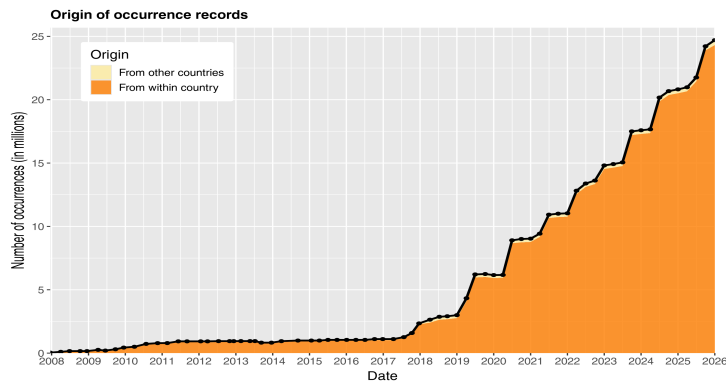


Number of occurrence records downloaded via
GBIF.org published by institutions in Taiwan

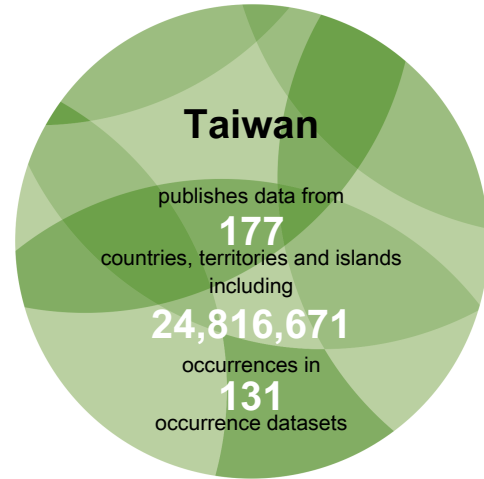


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Taiwan

Rank	Country or area	No. of occurrences
1	Taiwan	24,318,030
2	United States of America	1,030,235
3	United Kingdom	146,725
4	Japan	96,123
5	Germany	53,999
6	Netherlands	32,026
7	International organization or unknown country	22,843
8	Belgium	22,608
9	Sweden	21,285
10	Colombia	20,003

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

Top datasets contributing data about Taiwan

- EOD – eBird Observation Dataset. 15,775,142 occurrences in Taiwan. (Last updated 29 Oct 2025)
- Taiwan Wild Bird Federation Bird Records Database. 1,853,589 occurrences in Taiwan. (Last updated 29 Oct 2025)
- iNaturalist Research-grade Observations. 1,748,181 occurrences in Taiwan. (Last updated 31 Dec 2025)
- The Taiwan Breeding Bird Survey Data. 822,365 occurrences in Taiwan. (Last updated 30 Oct 2025)
- Acoustic detections of birds using the SILIC in Yushan National Park, Taiwan. 802,670 occurrences in Taiwan. (Last updated 15 Nov 2022)

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



Taiwan participates in the following projects coordinated by GBIF

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>

Improving knowledge of Asian pteridophytes through DNA sampling of specimens in regional collections

BIFA: Biodiversity Information Fund for Asia, 2021–2023

https://www.gbif.org/project/BIFA6_010

A bilingual open-source checklist and digitization of Taiwan's bee fauna

BIFA: Biodiversity Information Fund for Asia, 2021–2023

https://www.gbif.org/project/BIFA6_033

Biodiversity informatics cookbook

BIFA: Biodiversity Information Fund for Asia, 2016–2017

GBIF nodes in India, Japan, Korea and Taiwan will produce a biodiversity informatics 'cookbook' – an open-access learning resource to support regional training activities.

<https://www.gbif.org/project/82649>

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