

generated January 2026

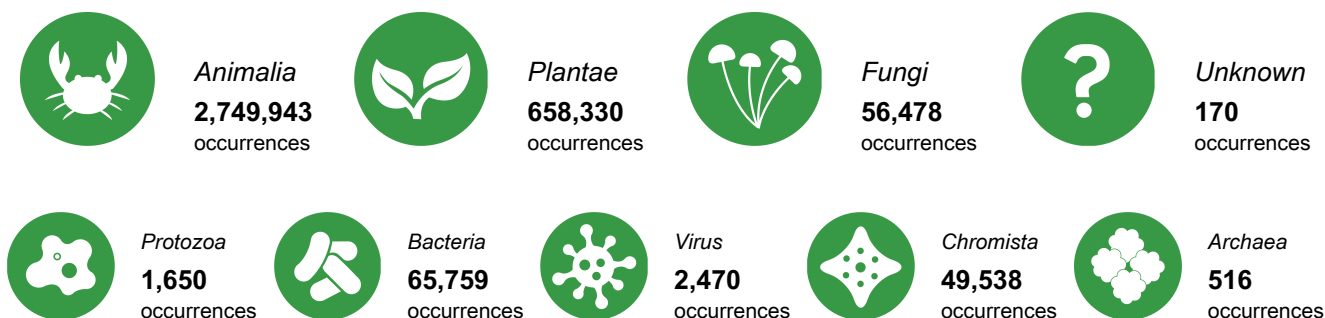
Philippines

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 Philippines. 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.

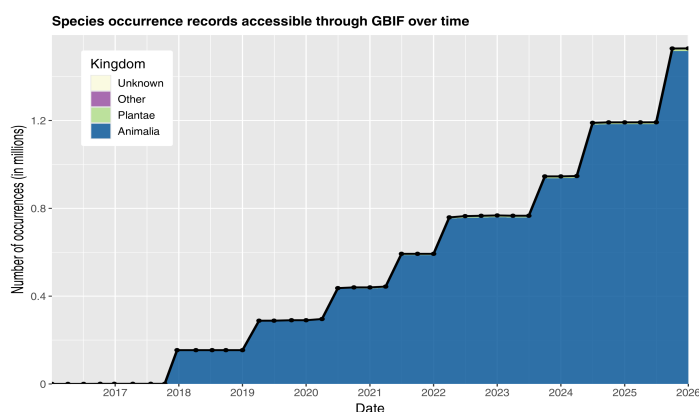
► Access and usage



► Data availability in Philippines



► Data mobilization

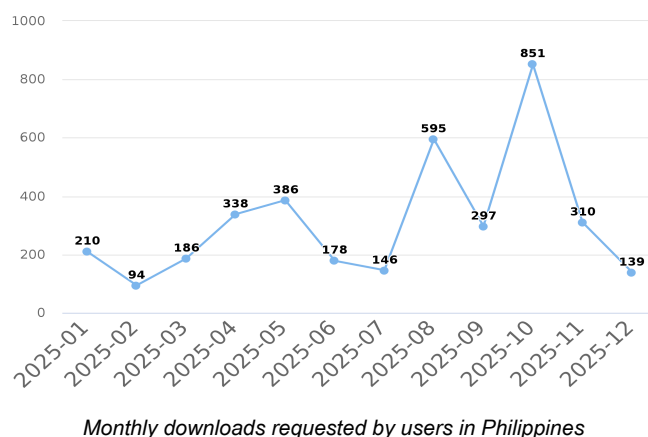
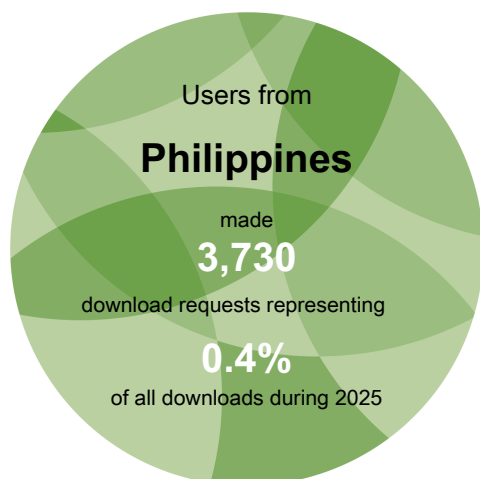


Number of records published by institutions in
Philippines, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Philippines



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

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 Philippines.

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

Ramos, Galera, Monilar *et al.* (2025) Custom YOLOv8 Model for Crown-of-Thorns Starfish (*Acanthaster planci*) and Long-Spined Sea Urchin (*Diadema antillarum*) Quantification. *Proceedings of the International Conference on Smart Cities - Volume 2*.
https://doi.org/10.1007/978-981-96-5848-0_41

Miranda, Fontarum-Bulawin, Alejandro. (2025) An updated checklist of the genus *Amorphophallus* Blume ex Decne. (Araceae) in the Philippines. *Acta Manilana*.
<https://doi.org/10.53603/actamanil.73.2025.mvjr8432>

delos Angeles, Radbouchoom, Ngarega. (2025) Identifying current and future distributions of the relict fern *Christensenia aesculifolia* (Marattiaceae) in the Philippines. *Environmental Monitoring and Assessment*.
<https://doi.org/10.1007/s10661-025-14369-9>

Geronimo-Isidro, Figueroa-Jimenez, Gabayno-Laguatan *et al.* (2025) Spatiotemporal modeling of *Hemileia vastatrix* using multiple machine learning algorithms: implications for disease surveillance of the coffee leaf rust disease in the Philippines. *Journal of Plant Pathology*.
<https://doi.org/10.1007/s42161-025-01958-3>

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/PH/publications/from



Data availability

Total data available for selected taxonomic groups in Philippines



Mammals
67,253
occurrences



Birds
1,651,447
occurrences



Bony fish
183,784
occurrences



Amphibians
55,614
occurrences



Insects
210,960
occurrences



Reptiles
66,341
occurrences



Molluscs
370,684
occurrences



Arachnids
14,889
occurrences



Flowering plants
536,732
occurrences



Ferns
70,613
occurrences



Gymnosperms
3,244
occurrences



Mosses
15,085
occurrences



Sac fungi
34,695
occurrences



Basidiomycota
21,380
occurrences

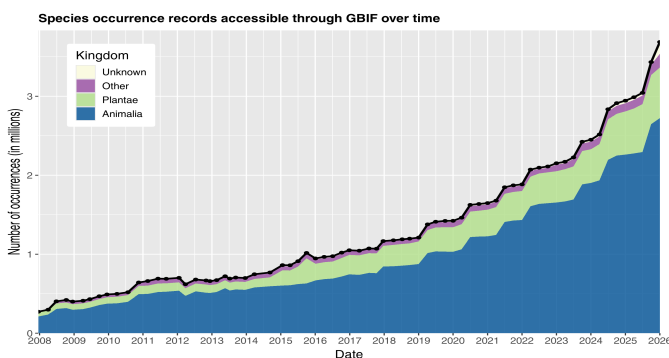
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

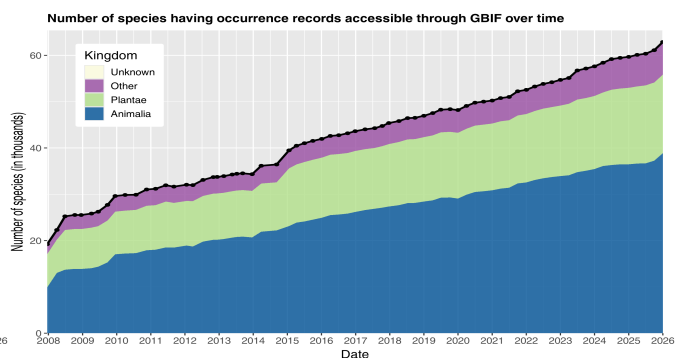
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Philippines



Occurrence records available about species occurring in Philippines



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

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 Philippines

Vascular Plants of Samar Island Natural Park, Samar, Philippines. *Published by UNIVERSITY OF SANTO TOMAS HERBARIUM*
<https://doi.org/10.15468/9vcfsu>

Sampling-event dataset of short-term monitoring of Poblacion and Kadurong Reefs in Liloan, Cebu, Philippines. *Published by ASEAN Centre for Biodiversity (ACB)*
<https://doi.org/10.15468/29p8cp>

Occurrence Data of Native Tree Species in the Philippines. *Published by ASEAN Centre for Biodiversity (ACB)*
<https://doi.org/10.15468/gmr3zk>

ASEAN KBA Trigger Species Checklist. *Published by ASEAN Centre for Biodiversity (ACB)*
<https://doi.org/10.15468/3ecdu3>

Herpetofauna of Agusan Marsh Wildlife Sanctuary. *Published by Father Saturnino Urios University-Biodiversity Informatics and Research Center (FSUU-BIRC)*
<https://doi.org/10.15468/t9a5uj>

Herpetofauna of Mt. Agad Agad. *Published by ASEAN Centre for Biodiversity (ACB)*
<https://doi.org/10.15468/c5kf6e>

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

Newest publishers from Philippines

Eco/Con Lab Biodiversity Synthesis+ Centre

UNIVERSITY OF SANTO TOMAS HERBARIUM

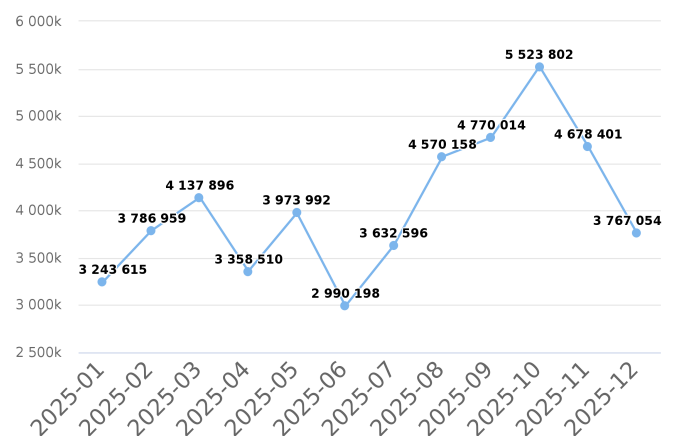
Father Saturnino Urios University-Biodiversity Informatics and Research Center (FSUU-BIRC)

University of the Philippines Los Baños Museum of Natural History

University of Santo Tomas - Zooplankton Ecology, Systematics, and Limnology Laboratory

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

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

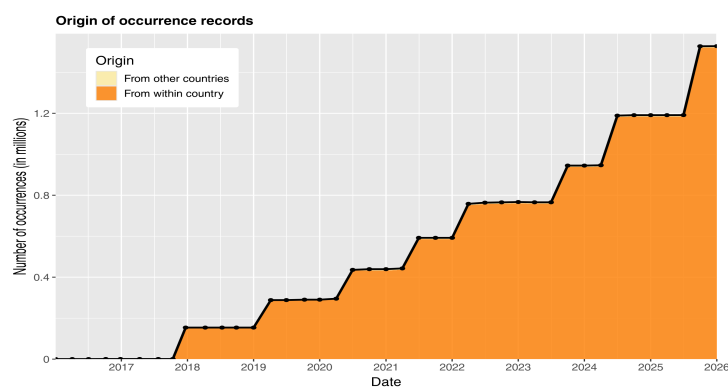


Number of occurrence records downloaded via GBIF.org published by institutions in Philippines

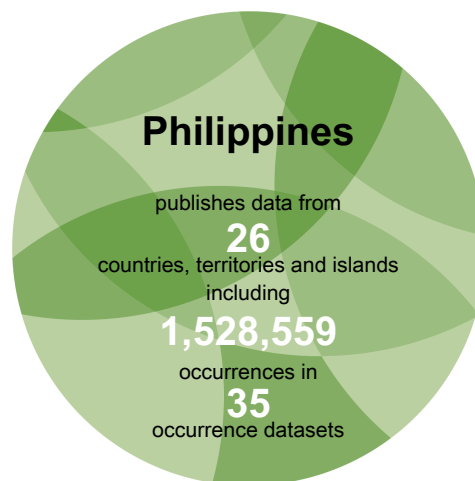


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Philippines

Rank	Country or area	No. of occurrences
1	Philippines	1,520,968
2	United States of America	1,158,123
3	Belgium	210,561
4	United Kingdom	158,671
5	Netherlands	146,971
6	International organization or unknown country	83,161
7	Germany	81,650
8	Japan	66,017
9	France	45,056
10	Sweden	43,638

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

Top datasets contributing data about Philippines

- EOD – eBird Observation Dataset. 1,496,337 occurrences in Philippines. (Last updated 29 Oct 2025)
- NMNH Extant Specimen Records (USNM, US). 269,118 occurrences in Philippines. (Last updated 2 Jan 2026)
- iNaturalist Research-grade Observations. 163,568 occurrences in Philippines. (Last updated 31 Dec 2025)
- UNESCO eDNA expedition in Tubbataha Reefs Natural Park (Philippines): April 2023. 163,186 occurrences in Philippines. (Last updated 29 Oct 2025)
- Naturalis Biodiversity Center (NL) - Botany. 97,049 occurrences in Philippines. (Last updated 23 Oct 2025)

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



Philippines participates in the following projects coordinated by GBIF

Bats and associated ectoparasites and pathogens from the UPLB Museum of Natural History

BIFA: Biodiversity Information Fund for Asia, 2022–2023

https://www.gbif.org/project/BIFA6_026

Digitization of specimens at the University of the Philippines Los Baños Museum of Natural History

BIFA: Biodiversity Information Fund for Asia, 2020–2022

This project aims to digitize specimen data from four different museum research and teaching collections and share data skills through training

<https://www.gbif.org/project/2as3Q2nNvRQhMc30JzAQ6e>

Strengthening GBIF Philippines

BIFA: Biodiversity Information Fund for Asia, 2016–2017

This project aims at strengthening PhilBIF by enhancing the capacities of partners in the publishing of biodiversity information according to GBIF standards.

<https://www.gbif.org/project/82652>

Using microbial metabarcoding to monitor biodiversity and bioindicators in the Mekong River

BIFA: Biodiversity Information Fund for Asia, 2021–2023

https://www.gbif.org/project/BIFA6_030

Alien reptiles and amphibians of the Philippines

BIFA: Biodiversity Information Fund for Asia, 2018–2019

This project aims to develop a national invasive alien amphibian and reptile species inventory and occurrence database and an observation and monitoring system.

<https://www.gbif.org/project/2xGhurLsnOmI0Qgo8iYu2A>

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>

See all GBIF projects

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