

generated January 2025

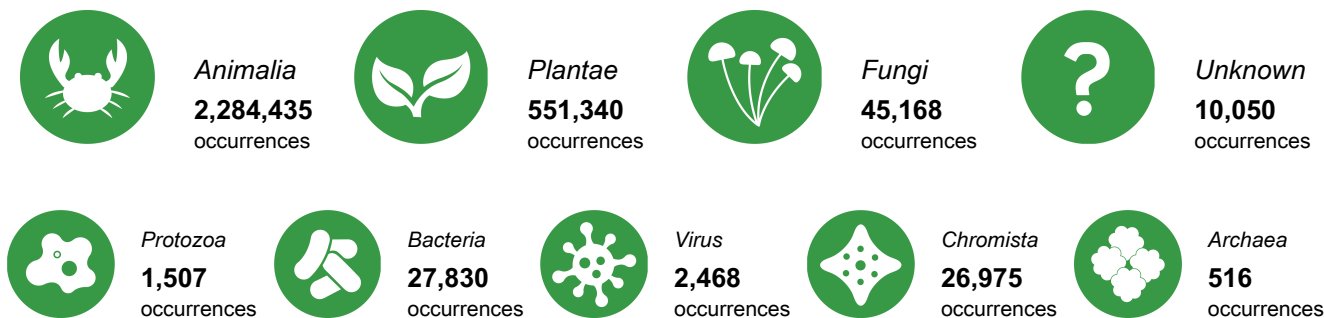
Philippines

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.

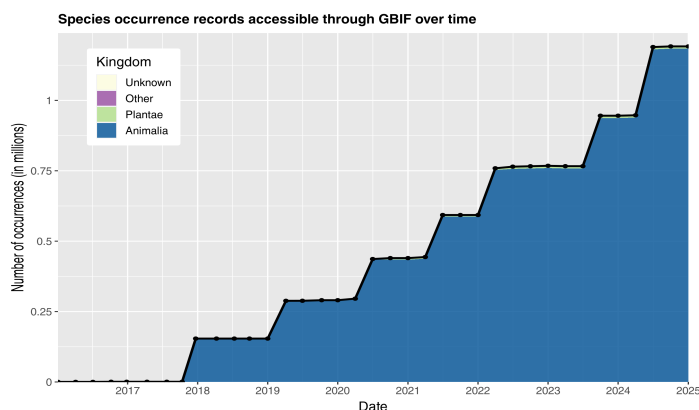
► Access and usage



► Data availability in Philippines



► Data mobilization

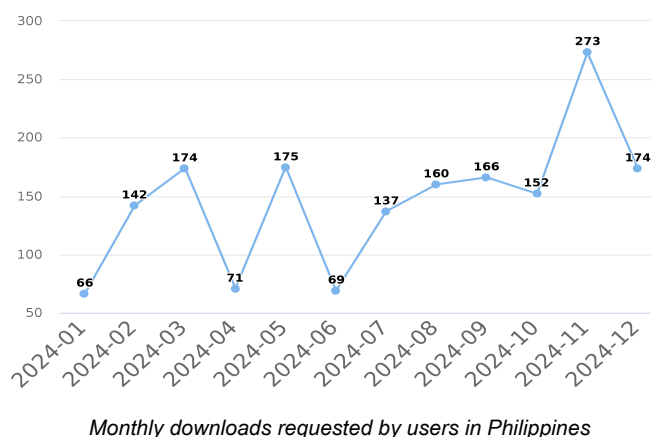
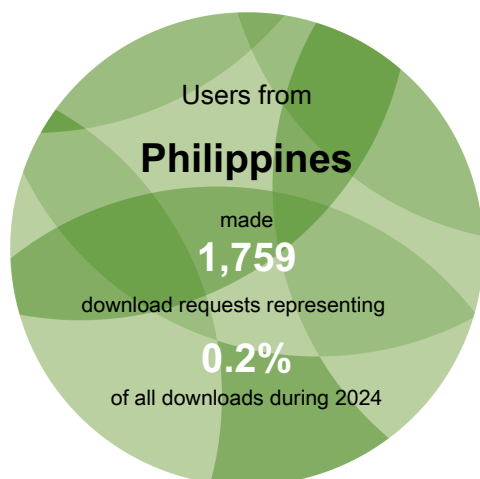


Number of records published by institutions in Philippines, categorized by kingdom



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.

Cruz. (2024) Palawan Peacock Pheasant (*Polyplectron Napoleonis*) Species Distribution Modeling: A Review of the Impact of Typhoon Rai/Odette on the Diversity and Distribution of an Endemic Bird Species. *Bedan Research Journal*.
<https://doi.org/10.58870/berj.v9i1.64>

Womersley, Sousa, Humphries *et al.* (2024) Climate-driven global redistribution of an ocean giant predicts increased threat from shipping. *Nature Climate Change*.
<https://doi.org/10.1038/s41558-024-02129-5>

Yu, Cadiz, Flores *et al.* (2024) Habitat suitability and niche interaction between the invasive snail *Achatina fulica* and its biocontrol flatworm *Platydemus manokwari* in Southeast Asia. *BIODIVERS - BIOTROP Science Magazine*.
<https://doi.org/10.56060/bdv.2024.3.2.2183>

Radbouchoom, Angeles, Phutthai *et al.* (2024) Towards zero extinction—A case study focusing on the plant genus *Begonia* in Thailand. *Integrative Conservation*.
<https://doi.org/10.1002/inc3.67>

Cazalis, Di Marco, Zizka *et al.* (2024) Accelerating and standardising IUCN Red List assessments with sRedList. *Biological Conservation*.
<https://doi.org/10.1016/j.biocon.2024.110761>

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
63,704
occurrences



Birds
1,306,344
occurrences



Bony fish
156,275
occurrences



Amphibians
53,986
occurrences



Insects
178,656
occurrences



Reptiles
63,340
occurrences



Molluscs
358,657
occurrences



Arachnids
13,143
occurrences



Flowering plants
436,553
occurrences



Ferns
67,936
occurrences



Gymnosperms
2,906
occurrences



Mosses
14,429
occurrences



Sac fungi
26,248
occurrences



Basidiomycota
18,493
occurrences

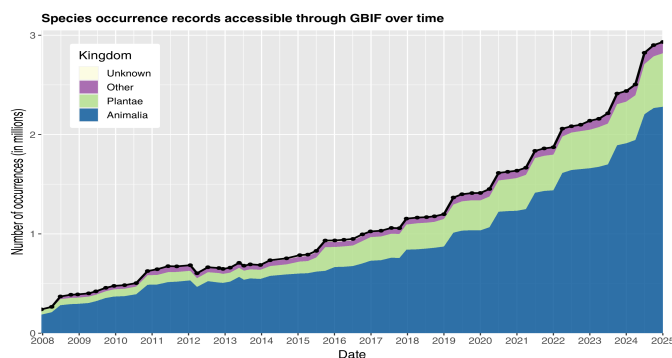
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

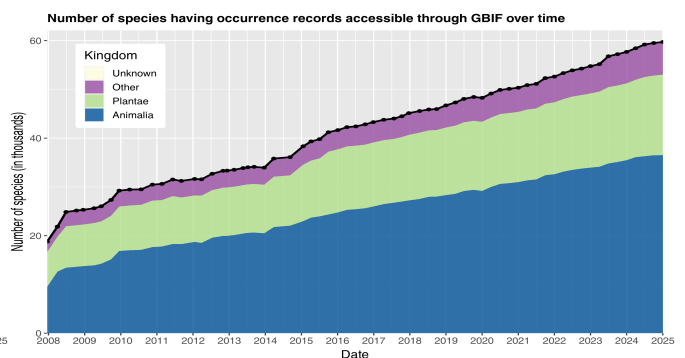
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Philippine Eagle Occurrence Records. *Published by ASEAN Centre for Biodiversity (ACB)*

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

BatMapPH: Philippine Bat Species Occurrence Database. *Published by Eco/Con Lab Biodiversity Synthesis+ Centre*

<https://doi.org/10.15468/x8vxpr>

Philippine Native Tree Species Occurrences. *Published by ASEAN Centre for Biodiversity (ACB)*

<https://doi.org/10.15468/mad7h3>

UPLB Museum of Natural History Bat Ectoparasite Collection. *Published by University of the Philippines Los Baños Museum of Natural History*

<https://doi.org/10.15468/r623m6>

Philippine Bat Viruses and Pathogens. *Published by University of the Philippines Los Baños Museum of Natural History*

<https://doi.org/10.15468/5a7mg3>

UPLB Museum of Natural History DS Rabor Chiroptera Collection. *Published by University of the Philippines Los Baños Museum of Natural History*

<https://doi.org/10.15468/m899kg>

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

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

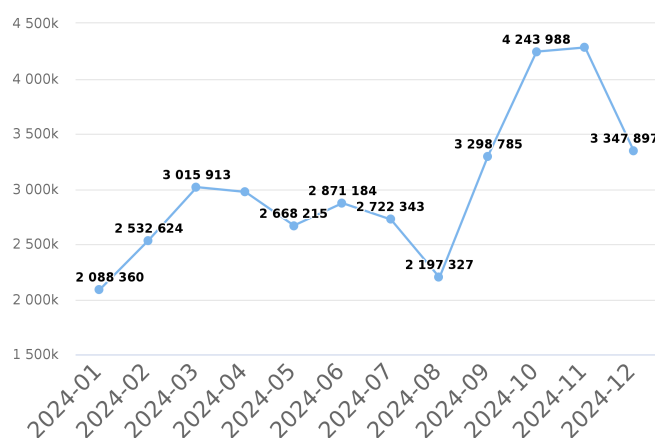
University of the Philippines Los Baños Museum of Natural History

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

Biodiversity Research Laboratory, Institute of Biology

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

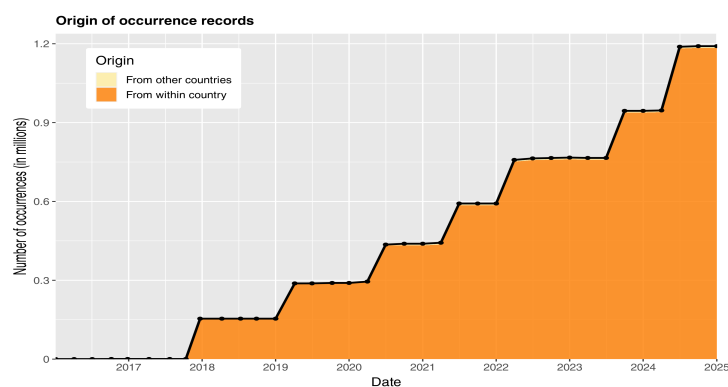


Number of occurrence records downloaded via
GBIF.org published by institutions in Philippines

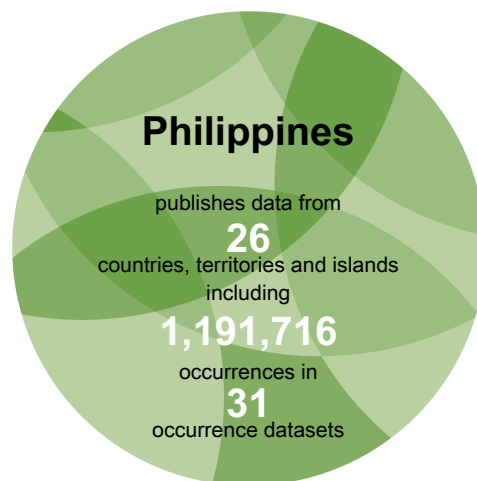


Data mobilization

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	1,184,125
2	United States of America	1,042,348
3	Netherlands	139,233
4	United Kingdom	128,404
5	International organization or unknown country	76,039
6	Japan	63,569
7	France	44,065
8	Germany	42,275
9	Australia	31,180
10	Sweden	26,659

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

Top datasets contributing data about Philippines

- EOD – eBird Observation Dataset. 1,163,919 occurrences in Philippines. (Last updated 27 Sep 2024)
- NMNH Extant Specimen Records (USNM, US). 269,237 occurrences in Philippines. (Last updated 2 Jan 2025)
- iNaturalist Research-grade Observations. 100,520 occurrences in Philippines. (Last updated 30 Dec 2024)
- Naturalis Biodiversity Center (NL) - Botany. 96,989 occurrences in Philippines. (Last updated 1 Nov 2024)
- International Barcode of Life project (iBOL). 65,108 occurrences in Philippines. (Last updated 7 Aug 2024)

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>

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/2xGhurLsnOml0Qgo8iYu2A>

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>

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

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