



generated January 2025

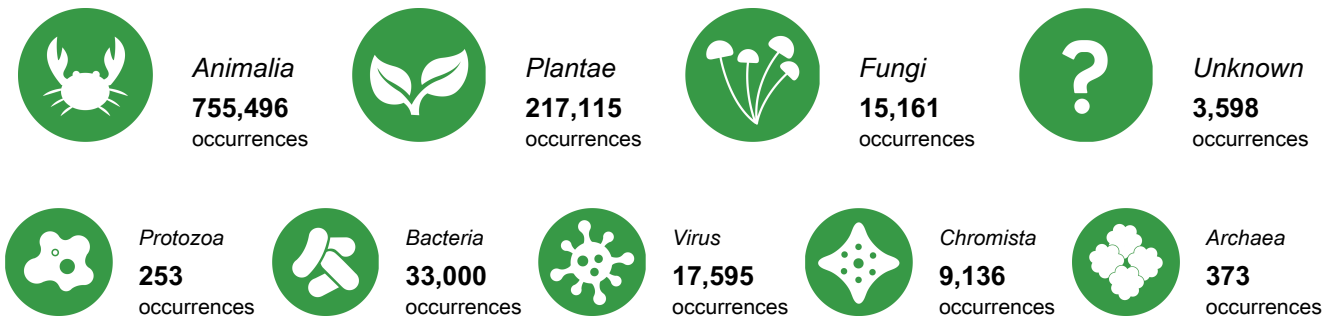
Viet Nam

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 Viet Nam. 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.

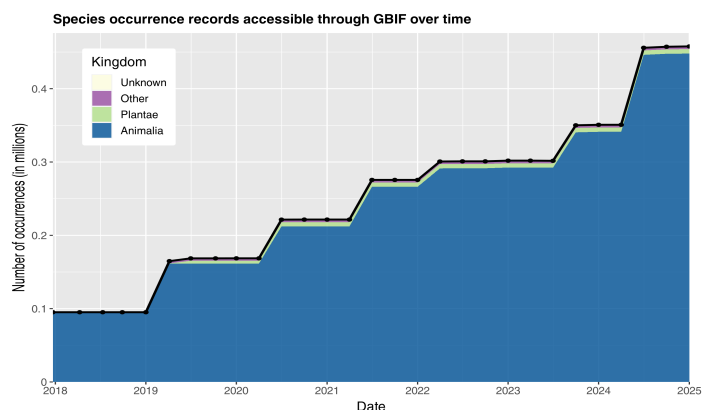
► Access and usage



► Data availability in Viet Nam



► Data mobilization

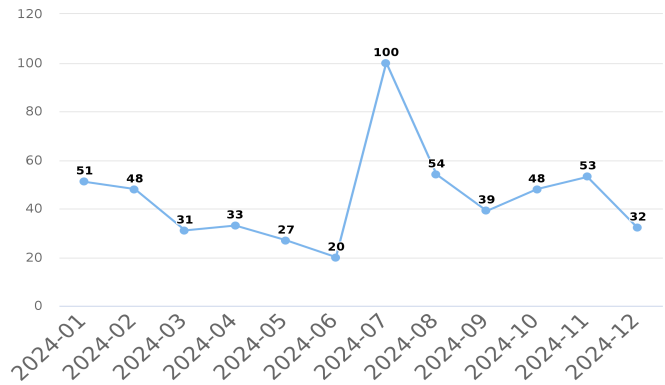
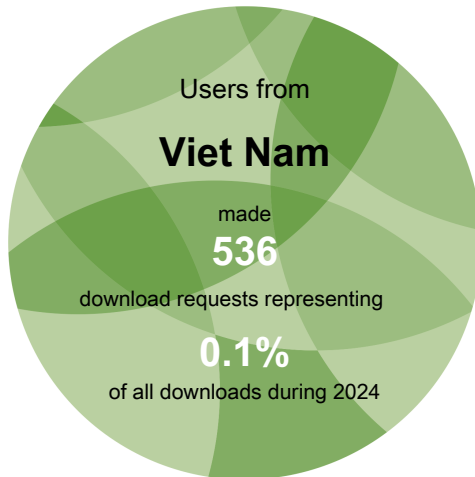


Number of records published by institutions in Viet Nam, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Viet Nam



Monthly downloads requested by users in Viet Nam

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

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 Viet Nam.

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

Song, Wambulwa, Milne *et al.* (2024) Deep plastid phylogeographic divergence of beaked hickory (*Carya sinensis*) calls for transboundary conservation in a biodiversity hotspot. *Tree Genetics & Genomes*.

<https://doi.org/10.1007/s11295-024-01683-5>

Ali, Pho. (2024) A novel model for count data: zero-inflated Probit Bell model with applications. *Communications in Statistics - Simulation and Computation*.

<https://doi.org/10.1080/03610918.2024.2384574>

Otis, Huang, Kitnya *et al.* (2024) The distribution of *Apis laboriosa* revisited: range extensions, biogeographic affinities, and species distribution modelling. *Frontiers in Bee Science*.

<https://doi.org/10.3389/frbee.2024.1374852>

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>

Trang, Thu, Son *et al.* (2024) Impacts of Climate Change on the Distribution of Vietnamese Golden Cypress in Northern Vietnam. *Biology Bulletin Reviews*.

<https://doi.org/10.1134/s2079086423600431>

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



Data availability

Total data available for selected taxonomic groups in Viet Nam



Mammals
21,208
occurrences



Birds
490,487
occurrences



Bony fish
43,425
occurrences



Amphibians
42,175
occurrences



Insects
96,383
occurrences



Reptiles
20,466
occurrences



Molluscs
23,341
occurrences



Arachnids
3,258
occurrences



Flowering plants
177,467
occurrences



Ferns
19,406
occurrences



Gymnosperms
2,900
occurrences



Mosses
10,356
occurrences



Sac fungi
9,517
occurrences



Basidiomycota
4,404
occurrences

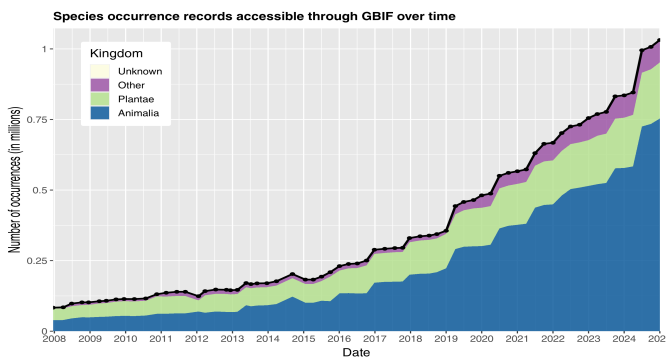
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

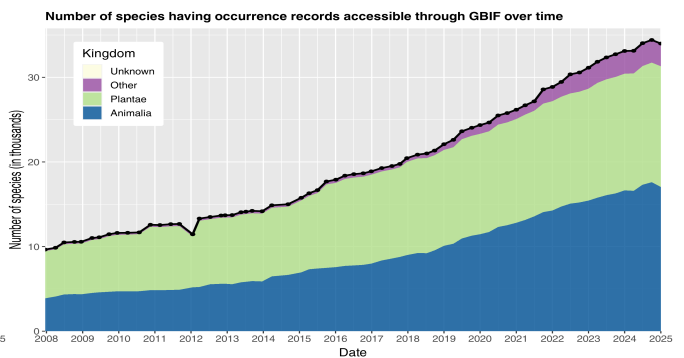
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Viet Nam



Occurrence records available about species occurring in Viet Nam



Species for which at least one occurrence record is available in Viet Nam

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 Viet Nam

Biodiversity of Phong Nha - Ke Bang National Park, Quang Binh, Viet Nam. *Published by Vietnam National Museum of Nature*
<https://doi.org/10.15468/5b35wa>

The Sparreboom's Crocodile Newt's new occurrences in Vietnam. *Published by University of Science, Vietnam National University Hanoi*
<https://doi.org/10.15468/k4n6x2>

Systematic camera trapping survey for terrestrial vertebrates in Xuan Lien Nature Reserve, Vietnam in 2023. *Published by University of Science, Vietnam National University Hanoi*
<https://doi.org/10.15468/ns65r2>

Butterflies of Phong Nha - Ke Bang National Park, Vietnam. *Published by Vietnam National Museum of Nature*
<https://doi.org/10.15468/j8pdmj>

Endemic Insects of Vietnam. *Published by University of Science, Vietnam National University Hanoi*
<https://doi.org/10.15468/wqsmku>

Vietnam 200 endemic and/or endangered plant species. *Published by Institute of Ecology and Biological Resources (IEBR)*
<https://doi.org/10.15468/4drud2>

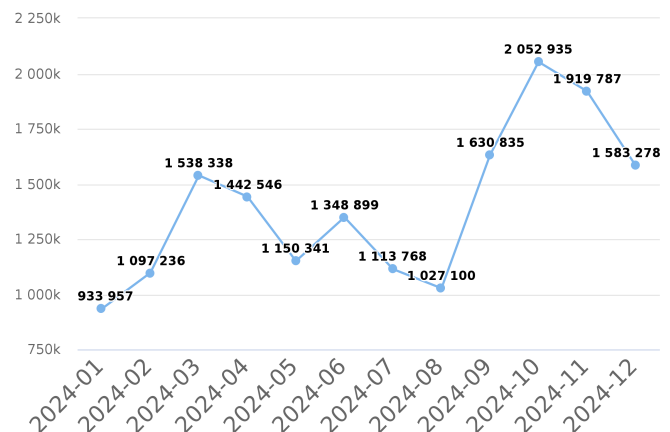
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=VN

Newest publishers from Viet Nam

- Vietnam National Museum of Nature
- University of Science, Vietnam National University Hanoi
- Institute of Ecology and Biological Resources (IEBR)
- Center for Biodiversity conservation and Endangered Species (CBES)
- University of Science, Vietnam National University Ho Chi Minh city

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

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

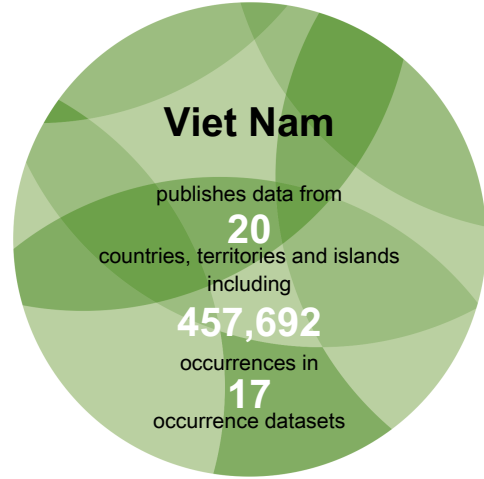
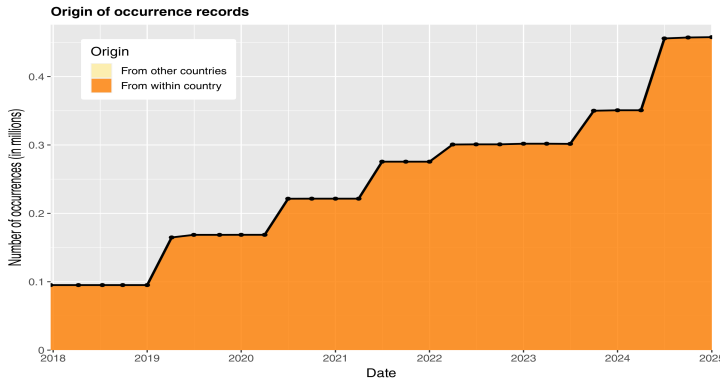


Number of occurrence records downloaded via GBIF.org published by institutions in Viet Nam



Data mobilization

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



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Viet Nam

Rank	Country or area	No. of occurrences
1	Viet Nam	457,405
2	United States of America	168,771
3	United Kingdom	96,870
4	France	67,489
5	Canada	62,294
6	Germany	37,074
7	Netherlands	36,260
8	Japan	24,534
9	International organization or unknown country	17,931
10	China	13,024

Table 1. Ranking of countries or areas contributing data about Viet Nam

Top datasets contributing data about Viet Nam

- EOD – eBird Observation Dataset. *444,356 occurrences in Viet Nam.* (Last updated 27 Sep 2024)
- iNaturalist Research-grade Observations. *46,193 occurrences in Viet Nam.* (Last updated 30 Dec 2024)
- The vascular plants collection (P) at the Herbarium of the Muséum national d'Histoire Naturelle (MNHN - Paris). *42,593 occurrences in Viet Nam.* (Last updated 1 Jan 2025)
- Royal Ontario Museum - Entomology Collection. *29,230 occurrences in Viet Nam.* (Last updated 11 Jun 2024)
- Tropicos MO Specimen Data. *21,735 occurrences in Viet Nam.* (Last updated 4 Jan 2025)

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



Viet Nam participates in the following projects coordinated by GBIF

Using citizen science to study whales and dolphins in Vietnamese waters

BIFA: Biodiversity Information Fund for Asia, 2020–2022

This project aims to acquire and mobilize data on cetaceans in Vietnam to create baseline data for conservation management

<https://www.gbif.org/project/79gh75hIPpmrkx37g05FSy>

Continued data mobilization of Vietnamese herbarium cryptogam collections

BIFA: Biodiversity Information Fund for Asia, 2019–2020

<https://www.gbif.org/project/4Hdpl6TMg2C8Y10CPzWaKM>

Data mobilization of Vietnamese herbarium Cryptogam collections

BIFA: Biodiversity Information Fund for Asia, 2018–2019

This project aims to transfer digitized data on 15,000 specimens held in the Cryptogam collections in the University of Science, Vietnam National University Ho Chi Minh City herbarium with updated identification into GBIF.org.

<https://www.gbif.org/project/5joJ2AYB8QMwaosayloMeU>

Development of the biodiversity database system in Vietnam

BIFA: Biodiversity Information Fund for Asia, 2016–2016

The Biodiversity Conservation Agency within the Vietnam Ministry of National Resources and Environment will strengthen national capacity in database management and promote GBIF as the means for exchanging national information for global-scale research.

<https://www.gbif.org/project/82641>

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