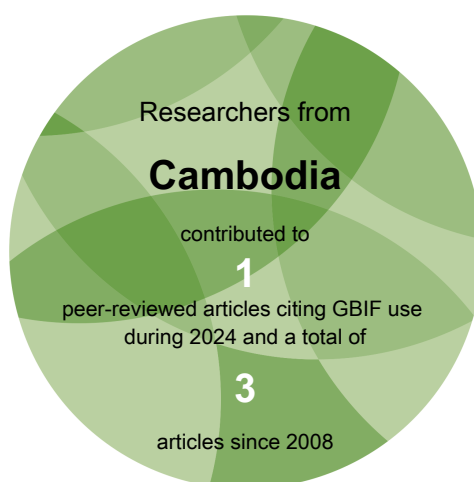


generated January 2025

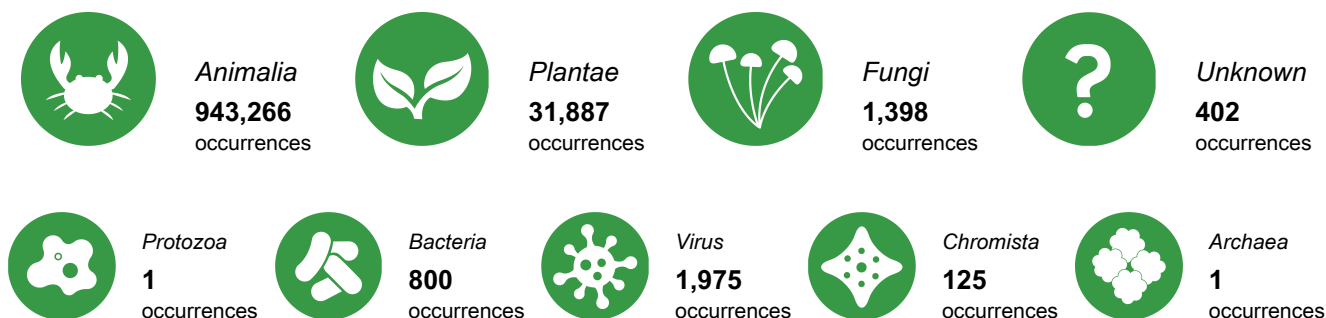
Cambodia

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 Cambodia. 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.

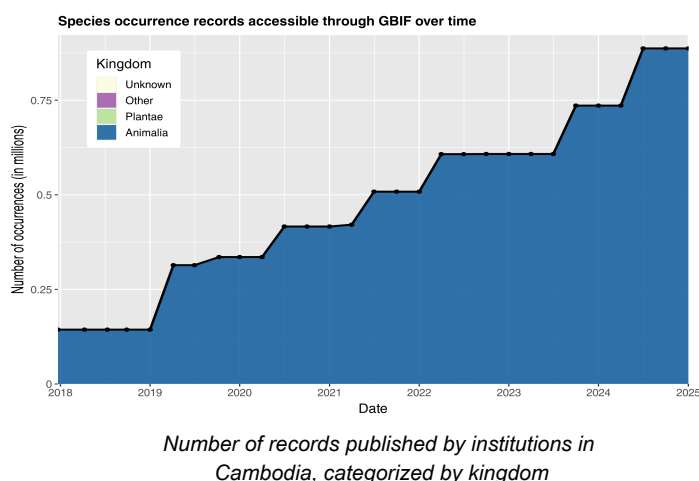
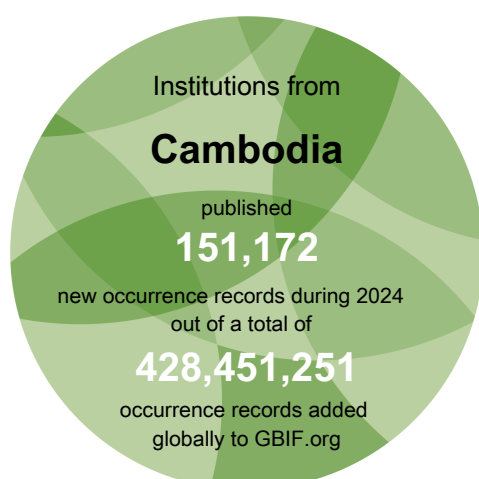
► Access and usage



► Data availability in Cambodia



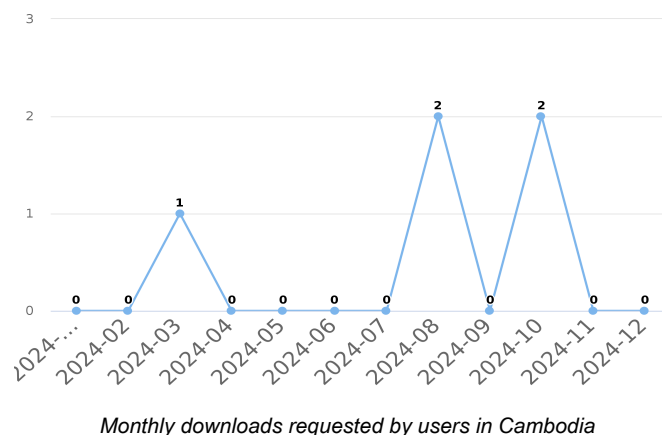
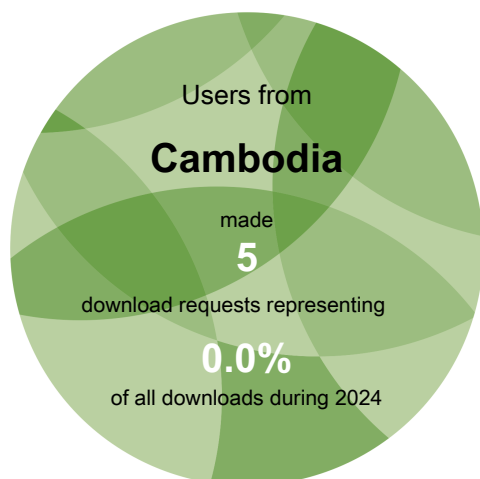
► Data mobilization





Access and usage

Data downloads on GBIF.org from users in Cambodia



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

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 Cambodia.

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

Nuon, Chea, Lek *et al.* (2024) Climate change drives contrasting shifts in fish species distribution in the Mekong Basin. *Ecological Indicators*.
<https://doi.org/10.1016/j.ecolind.2024.111857>

Durand, Simier, Tran *et al.* (2022) Fish Diversity along the Mekong River and Delta Inferred by Environmental-DNA in a Period of Dam Building and Downstream Salinization. *Diversity*.
<https://doi.org/10.3390/d14080634>

Huang, Hoeksema, Affendi *et al.* (2016) Conservation of reef corals in the South China Sea based on species and evolutionary diversity. *Biodiversity and Conservation*.
<https://doi.org/10.1007/s10531-016-1052-7>

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



Data availability

Total data available for selected taxonomic groups in Cambodia



Mammals
28,568
occurrences



Birds
874,339
occurrences



Bony fish
12,388
occurrences



Amphibians
2,712
occurrences



Insects
17,118
occurrences



Reptiles
3,538
occurrences



Molluscs
1,979
occurrences



Arachnids
796
occurrences



Flowering plants
30,357
occurrences



Ferns
805
occurrences



Gymnosperms
151
occurrences



Mosses
327
occurrences



Sac fungi
982
occurrences



Basidiomycota
378
occurrences

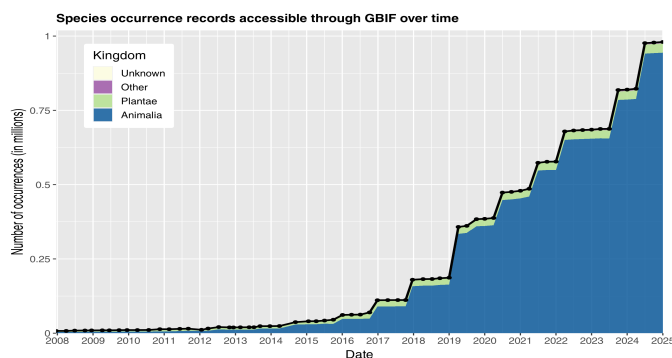
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

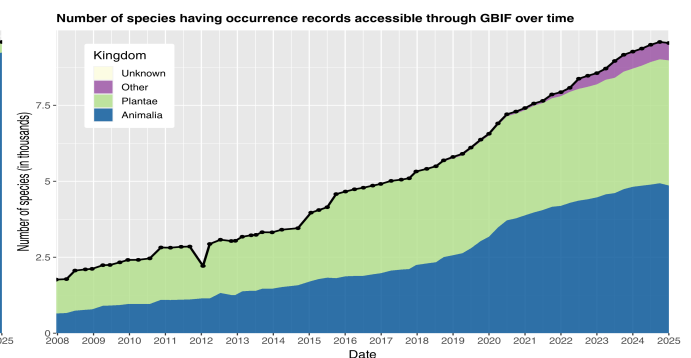
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Cambodia



Occurrence records available about species occurring in Cambodia



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

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 Cambodia

Checklist of extant species recorded in Preah Roka Wildlife Sanctuary, Cambodia. *Published by WCS Cambodia*

<https://doi.org/10.15468/wjc3q6>

Checklist of extant species recorded in Phnom Tbaeng Natural Heritage Park, Cambodia. *Published by WCS Cambodia*

<https://doi.org/10.15468/t82xae>

Checklist of extant species recorded in Chhaeb Wildlife Sanctuary, Cambodia. *Published by WCS Cambodia*

<https://doi.org/10.15468/yx63ma>

Checklist of extant species recorded in Kulen Promtep Wildlife Sanctuary, Cambodia. *Published by WCS Cambodia*

<https://doi.org/10.15468/6qqw9m>

Long-term monitoring of primate, bird, and ungulate populations 2010-2022 for protected area management, Keo Seima Wildlife Sanctuary, Cambodia. *Published by WCS Cambodia*

<https://doi.org/10.15468/37thhj>

Checklist of extant species recorded in Keo Seima Wildlife Sanctuary, Cambodia. *Published by WCS Cambodia*

<https://doi.org/10.15468/rxba17>

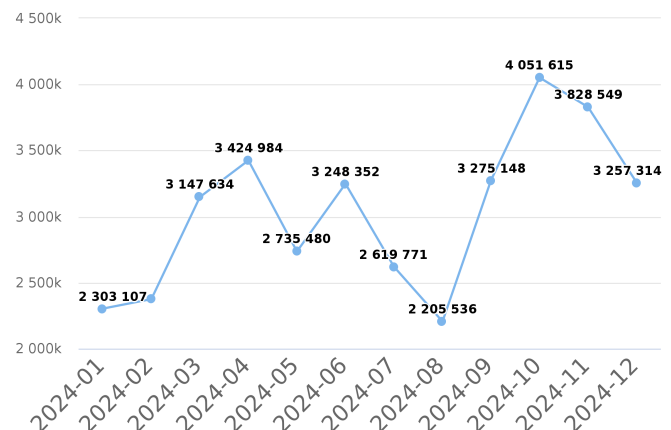
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=KH

Newest publishers from Cambodia

WCS Cambodia

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

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

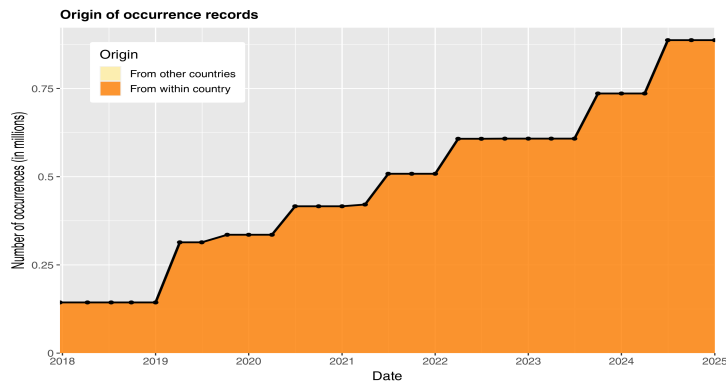


Number of occurrence records downloaded via
GBIF.org published by institutions in Cambodia

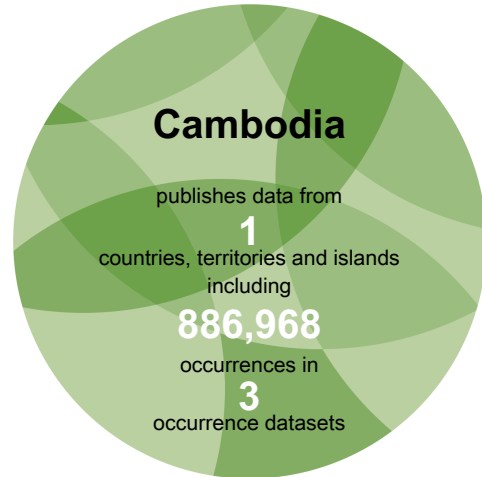


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Cambodia

Rank	Country or area	No. of occurrences
1	Cambodia	886,968
2	United States of America	35,839
3	France	13,260
4	United Kingdom	10,667
5	Netherlands	8,158
6	Colombia	6,881
7	Japan	6,063
8	International organization or unknown country	3,284
9	Australia	1,718
10	Germany	1,560

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

Top datasets contributing data about Cambodia

EOD – eBird Observation Dataset. *860,124 occurrences in Cambodia.* (Last updated 27 Sep 2024)

iNaturalist Research-grade Observations. *25,769 occurrences in Cambodia.* (Last updated 30 Dec 2024)

WCS Cambodia camera trap occurrence data. *21,439 occurrences in Cambodia.* (Last updated 12 Aug 2021)

The vascular plants collection (P) at the Herbarium of the Muséum national d'Histoire Naturelle (MNHN - Paris). *8,962 occurrences in Cambodia.* (Last updated 1 Jan 2025)

A global database for the distributions of crop wild relatives. *6,714 occurrences in Cambodia.* (Last updated 9 Feb 2024)

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



Cambodia participates in the following projects coordinated by GBIF

Mobilizing a country-wide, long-term camera trap data set in Cambodia

BIFA: Biodiversity Information Fund for Asia, 2018–2019

This project will digitize, standardize, and centralize a wealth of camera trap data into a system that allows valorisation of this important data to inform conservation management and ecological studies in Cambodia.

<https://www.gbif.org/project/3GPlz6Ks40GgK0iEy0sMIE>

See all GBIF projects

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