



generated January 2026

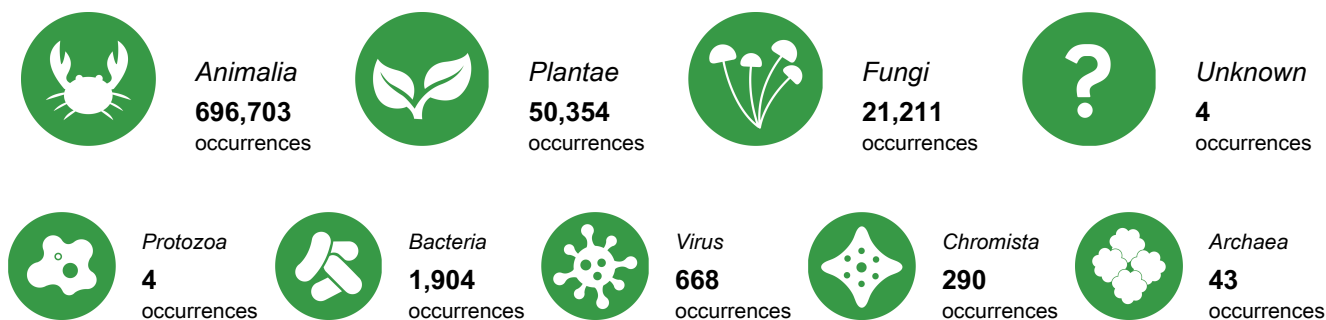
Bhutan

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 Bhutan. 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.

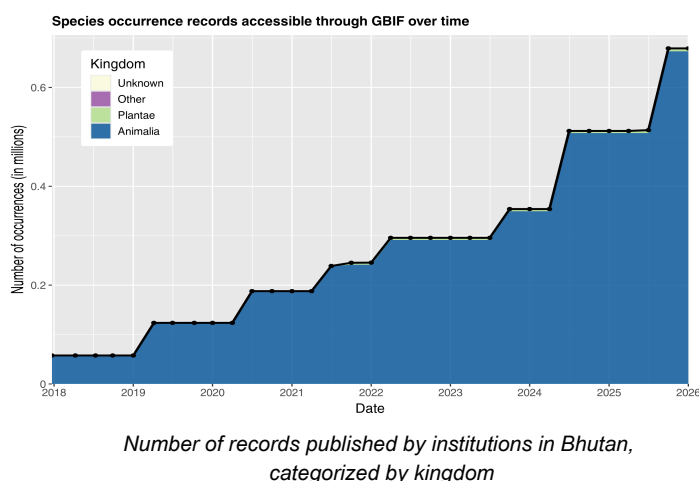
► Access and usage



► Data availability in Bhutan



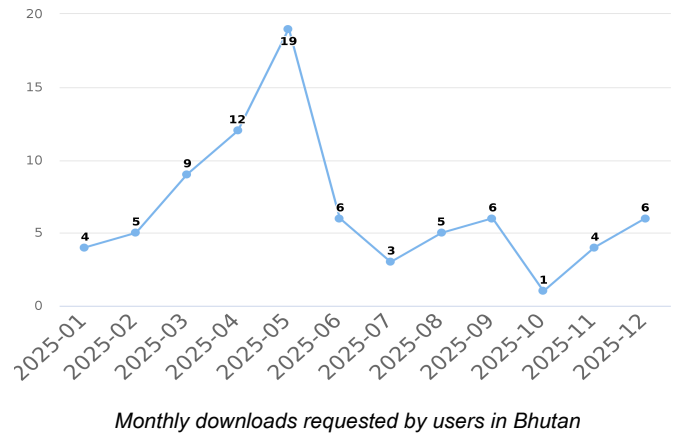
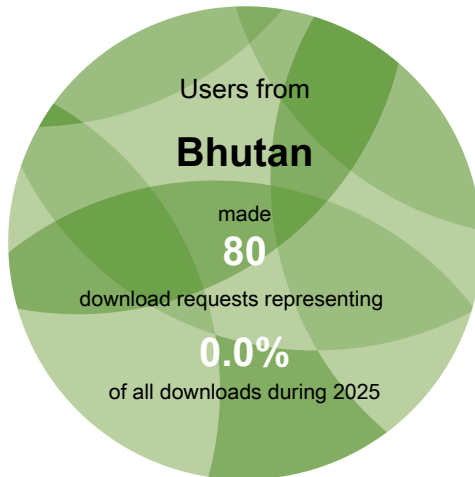
► Data mobilization





Access and usage

Data downloads on GBIF.org from users in Bhutan



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

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 Bhutan.

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

Dahal, Nepal, Rai *et al.* (2023) Understanding the impact of climate change on the habitat of the rufous-necked hornbill (*Aceros nipalensis*) (Hodgson, 1829) using MaxEnt modeling in Bhutan. *Ornithology Research*.

<https://doi.org/10.1007/s43388-023-00130-8>

van Klinken, Dorji, Om *et al.* (2018) Benefits and challenges of maintaining national plant pest lists: an analysis of agricultural pests in Bhutan. *Annals of Applied Biology*.

<https://doi.org/10.1111/aab.12436>

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



Data availability

Total data available for selected taxonomic groups in Bhutan



Mammals
970
occurrences



Birds
683,329
occurrences



Bony fish
134
occurrences



Amphibians
81
occurrences



Insects
10,589
occurrences



Reptiles
349
occurrences



Molluscs
290
occurrences



Arachnids
371
occurrences



Flowering plants
44,006
occurrences



Ferns
2,621
occurrences



Gymnosperms
741
occurrences



Mosses
1,854
occurrences



Sac fungi
6,290
occurrences



Basidiomycota
13,357
occurrences

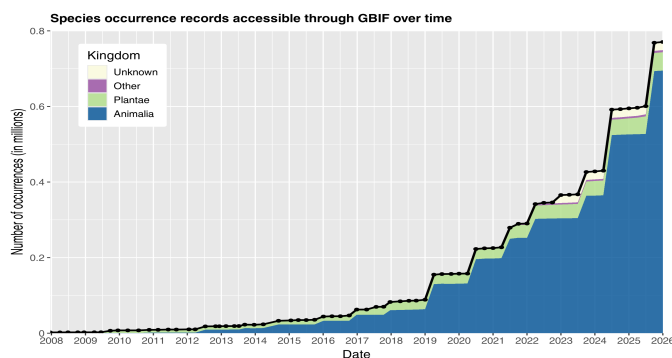
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

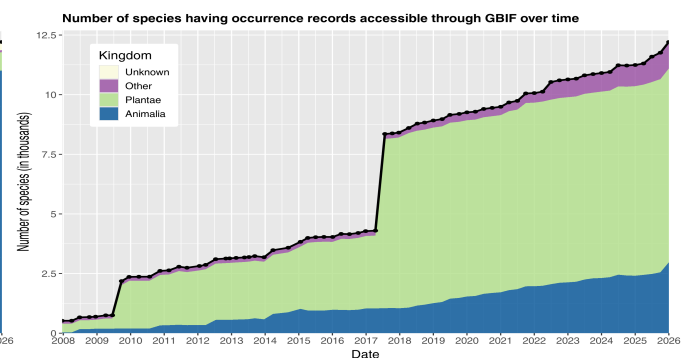
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Bhutan



Occurrence records available about species occurring in Bhutan



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

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 Bhutan

Checklist of Horticulture and wild edible plants from Bongo, Mendrelgang, Langthel, Lumang and Bjoka Gewog(s) of Bhutan. *Published by National Biodiversity Centre*
<https://doi.org/10.15468/ej7usj>

A checklist of plants from Jigme Singye Wangchuck National Park, Bhutan. *Published by National Biodiversity Centre*
<https://doi.org/10.15468/hgbrpb>

Campus flora of the College of Natural Resources, Lobesa, Bhutan. *Published by National Biodiversity Centre*
<https://doi.org/10.15468/a73m6k>

Myco_diversity Inventory in Royal Botanical Garden, Serbithang. *Published by National Mushroom Centre*
<https://doi.org/10.15468/88qx9z>

Bhutan: Invasive Plant Species Observations. *Published by National Biodiversity Centre*
<https://doi.org/10.15468/zwwvsb>

Bhutan: Invertebrate species. *Published by National Biodiversity Centre*
<https://doi.org/10.15468/rjuepc>

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

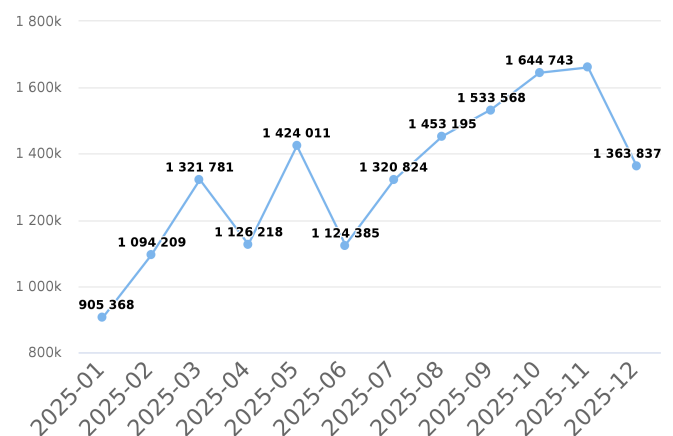
Newest publishers from Bhutan

National Mushroom Centre

National Biodiversity Centre

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

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

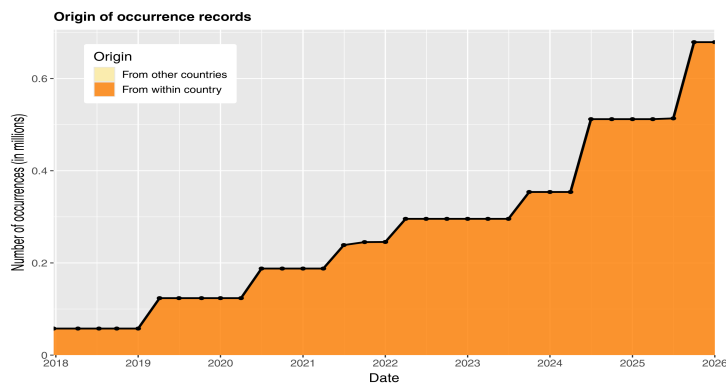


Number of occurrence records downloaded via
GBIF.org published by institutions in Bhutan

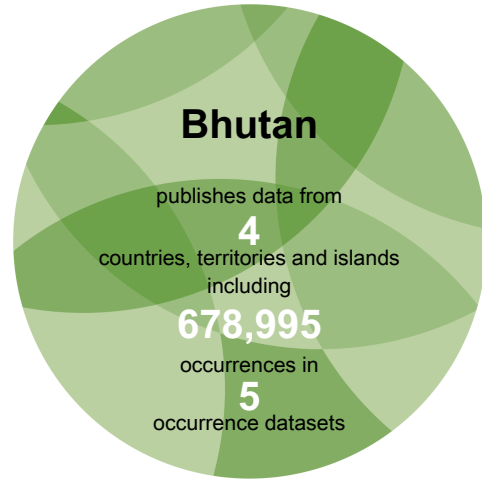


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Bhutan

Rank	Country or area	No. of occurrences
1	Bhutan	678,933
2	United Kingdom	24,370
3	Estonia	21,924
4	United States of America	19,230
5	India	6,313
6	International organization or unknown country	5,444
7	Netherlands	3,625
8	Australia	2,521
9	Colombia	1,772
10	Sweden	1,324

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

Top datasets contributing data about Bhutan

EOD – eBird Observation Dataset. *670,580 occurrences in Bhutan.* (Last updated 29 Oct 2025)

Global soil organisms. *18,942 occurrences in Bhutan.* (Last updated 27 Feb 2023)

iNaturalist Research-grade Observations. *15,319 occurrences in Bhutan.* (Last updated 31 Dec 2025)

Edinburgh (E) Herbarium Specimens. *10,416 occurrences in Bhutan.* (Last updated 2 Jan 2026)

Royal Botanic Gardens, Kew - Herbarium Specimens. *6,674 occurrences in Bhutan.* (Last updated 2 Jan 2026)

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



Bhutan participates in the following projects coordinated by GBIF

Enriching the Bhutan Biodiversity Portal through digitization and mobilization of specimen collections

BIFA: Biodiversity Information Fund for Asia, 2020–2021

This project aims to digitize specimen collections of the highly diverse flora and fauna of Bhutan

<https://www.gbif.org/project/7gXiH4Eulp3oXAMmltDNPG>

See all GBIF projects

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