

generated January 2025

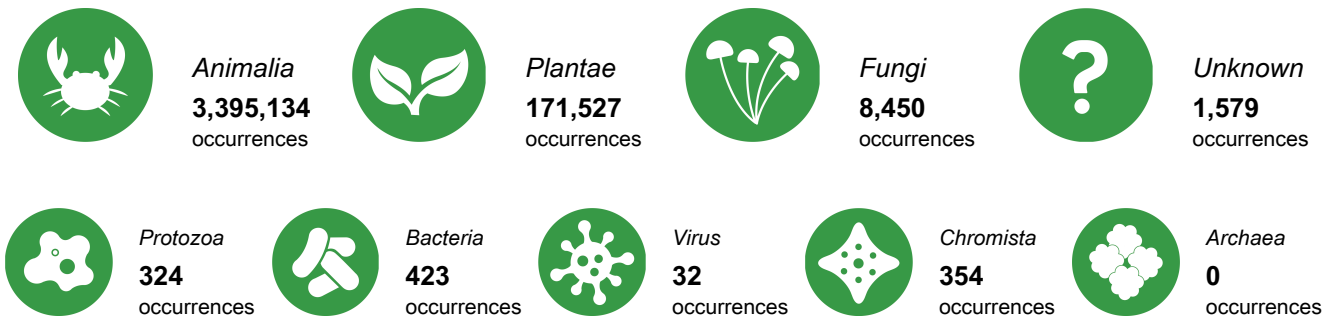
Honduras

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 Honduras. 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.

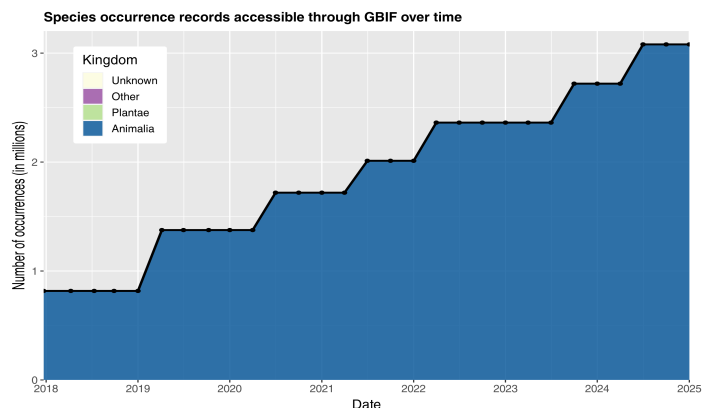
► Access and usage



► Data availability in Honduras



► Data mobilization

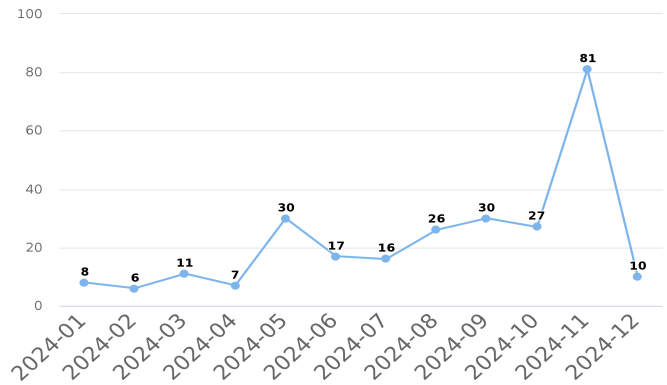
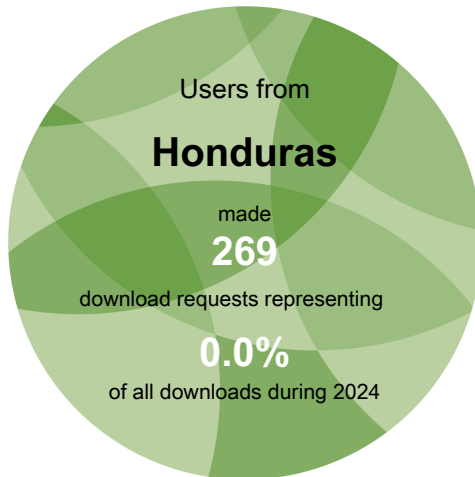


Number of records published by institutions in Honduras, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Honduras



Monthly downloads requested by users in Honduras

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

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 Honduras.

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

ANTÚÑEZ-FONSECA, RAMOS-GALDAMEZ, SOLÍS *et al.* (2024) A new species of the genus *Liotyphlops* Peters, 1881 (Serpentes: Anomalepididae) from the Caribbean coast of Honduras. *Zootaxa*.

<https://doi.org/10.11646/zootaxa.5543.1.5>

López, Turcios-Casco, van den Berghe *et al.* (2024) A Taxonomic Odyssey: An annotated checklist of *Peromyscus* (Cricetidae, Rodentia) in Honduras. *ZooKeys*.

<https://doi.org/10.3897/zookeys.1218.126535>

Brown, Manzanares. (2024) Rare Occurrences of Ocean Sunfish (*Mola mola*) in the Bay Islands of Honduras; Notes on Distribution and Osteology. *Caribbean Journal of Science*.

<https://doi.org/10.18475/cjos.v54i2.a19>

Turcios-Casco, Cardoso Cláudio, Lee Jr. (2024) Back to the future: A preserved specimen validates the presence of *Molossus pretiosus* (Molossidae, Chiroptera) in Honduras. *ZooKeys*.

<https://doi.org/10.3897/zookeys.1196.116144>

López-Aguilar, Montalva, Vilela *et al.* (2024) Niche analyses and the potential distribution of four invasive bumblebees worldwide. *Ecology and Evolution*.

<https://doi.org/10.1002/ece3.11200>

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



Data availability

Total data available for selected taxonomic groups in Honduras



Mammals
15,622 occurrences



Birds
3,143,547 occurrences



Bony fish
16,207 occurrences



Amphibians
18,042 occurrences



Insects
142,758 occurrences



Reptiles
27,731 occurrences



Molluscs
9,592 occurrences



Arachnids
7,234 occurrences



Flowering plants
145,553 occurrences



Ferns
14,957 occurrences



Gymnosperms
1,029 occurrences



Mosses
6,327 occurrences



Sac fungi
4,942 occurrences



Basidiomycota
3,381 occurrences

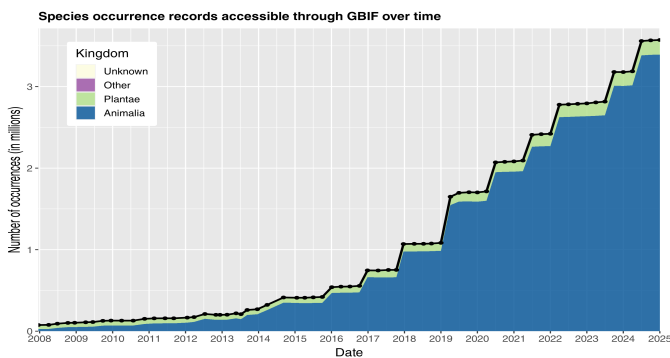
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass *Osteichthyes* p.p.
Amphibians = Class *Amphibia*

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

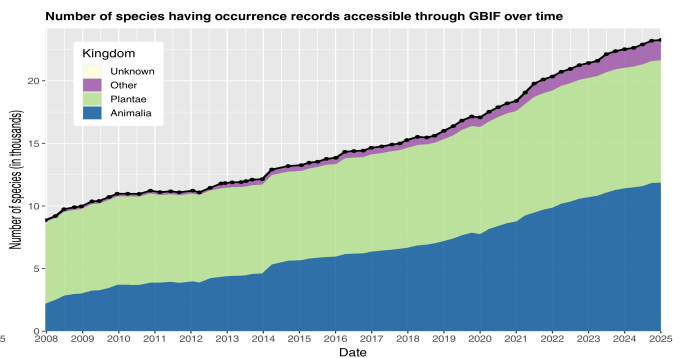
Arachnids = Class *Arachnida*
Flowering plants = Phylum *Magnoliophyta*
Gymnosperms = Superclass *Gymnospermae*

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

Change over time in records about biodiversity in Honduras



Occurrence records available about species occurring in Honduras



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

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 Honduras

Museo Historia Natural UNAH VS (MUVS) Fish Collection. *Published by Universidad Nacional Autonoma de Honduras en el Valle de Sula*
<https://doi.org/10.15468/fcibsb>

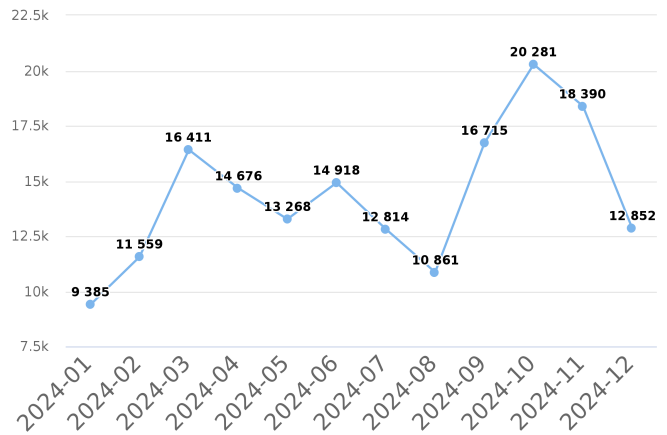
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=HN

Newest publishers from Honduras

Universidad Nacional Autonoma de Honduras en el Valle de Sula

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

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

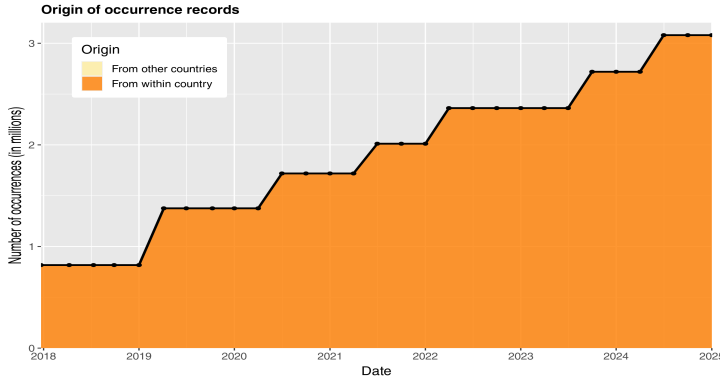


Number of occurrence records downloaded via GBIF.org published by institutions in Honduras



Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Honduras

Rank	Country or area	No. of occurrences
1	Honduras	3,079,805
2	United States of America	363,619
3	International organization or unknown country	62,250
4	Mexico	20,370
5	United Kingdom	11,893
6	Ecuador	7,768
7	Netherlands	6,040
8	Colombia	4,720
9	Germany	3,337
10	Sweden	2,809

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

Top datasets contributing data about Honduras

- EOD – eBird Observation Dataset. *3,079,805 occurrences in Honduras.* (Last updated 27 Sep 2024)
- iNaturalist Research-grade Observations. *102,160 occurrences in Honduras.* (Last updated 30 Dec 2024)
- International Barcode of Life project (iBOL). *59,681 occurrences in Honduras.* (Last updated 7 Aug 2024)
- Tropicos MO Specimen Data. *46,258 occurrences in Honduras.* (Last updated 4 Jan 2025)
- NMNH Extant Specimen Records (USNM, US). *41,248 occurrences in Honduras.* (Last updated 2 Jan 2025)

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