

generated January 2026

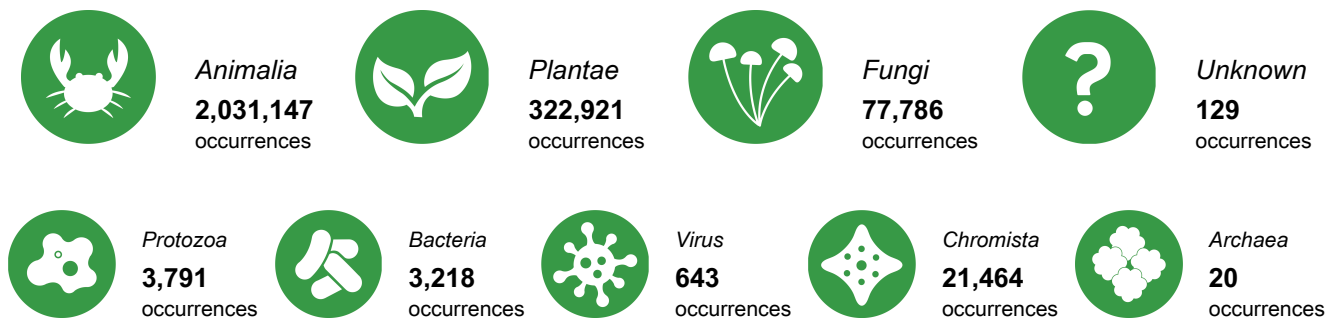
Cuba

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 Cuba. 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.

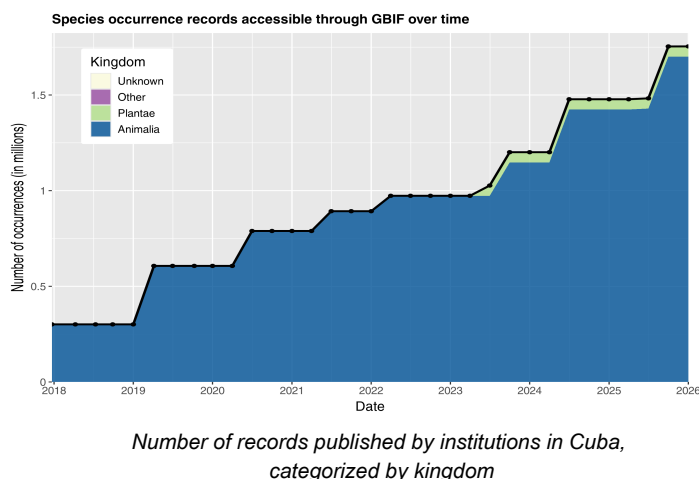
► Access and usage



► Data availability in Cuba



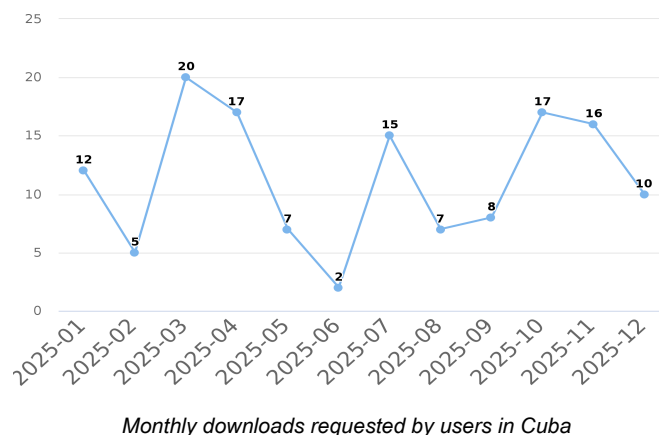
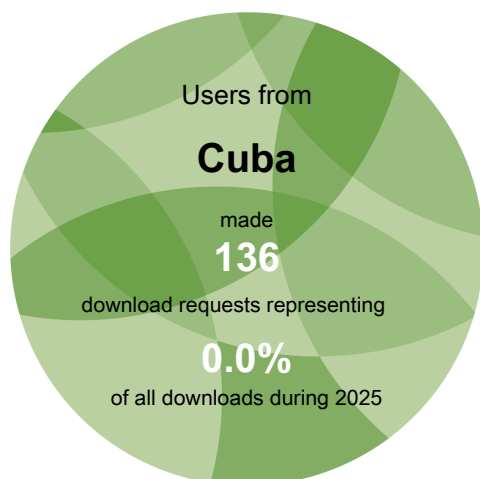
► Data mobilization





Access and usage

Data downloads on GBIF.org from users in Cuba



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

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 Cuba.

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

Morejón-Arrojo, Rodríguez-Viera. (2025) Medusozoans of Cuba (Cnidaria): an update. *Journal of the Marine Biological Association of the United Kingdom*.
<https://doi.org/10.1017/s0025315425100441>

Duarte, Ropars, Machon *et al.* (2025) Wild Bee Species (Hymenoptera: Apoidea: Anthophila) of Three Western Provinces of Cuba: A Century of Temporal Dynamics. *Neotropical Entomology*.
<https://doi.org/10.1007/s13744-025-01282-6>

Morejón-Arrojo, Lüsrow, Gueroun *et al.* (2025) Diversity of ctenophores from the Cuban Exclusive Economic Zone. *Marine Biology Research*.
<https://doi.org/10.1080/17451000.2025.2473348>

Morejón-Arrojo, Ahuatzin-Hernández, Rodríguez-Viera. (2025) First Record of the Genus *Timoides* Bigelow, 1904 (Cnidaria, Anthoathecata) in the Atlantic Ocean: Occurrence of *T. cf. agassizii* in Cuban Waters of the Caribbean Sea. *Thalassas: An International Journal of Marine Sciences*.
<https://doi.org/10.1007/s41208-025-00824-4>

Villastrigo, Lam, Van Dam *et al.* (2025) Plate tectonics, cold adaptation and long-distance range expansion to remote archipelagos and the high Andes as drivers of a circumantarctic freshwater arthropod radiation. *Molecular Phylogenetics and Evolution*.
<https://doi.org/10.1016/j.ympev.2024.108279>

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



Data availability

Total data available for selected taxonomic groups in Cuba



Mammals
12,093
occurrences



Birds
1,741,664
occurrences



Bony fish
37,921
occurrences



Amphibians
10,192
occurrences



Insects
39,833
occurrences



Reptiles
28,407
occurrences



Molluscs
111,198
occurrences



Arachnids
4,655
occurrences



Flowering plants
256,255
occurrences



Ferns
44,498
occurrences



Gymnosperms
1,351
occurrences



Mosses
9,663
occurrences



Sac fungi
37,996
occurrences



Basidiomycota
35,159
occurrences

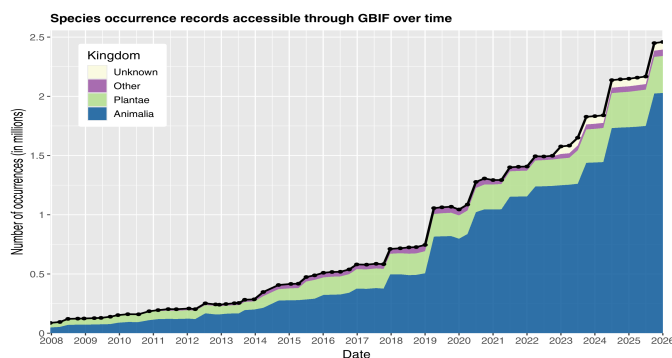
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

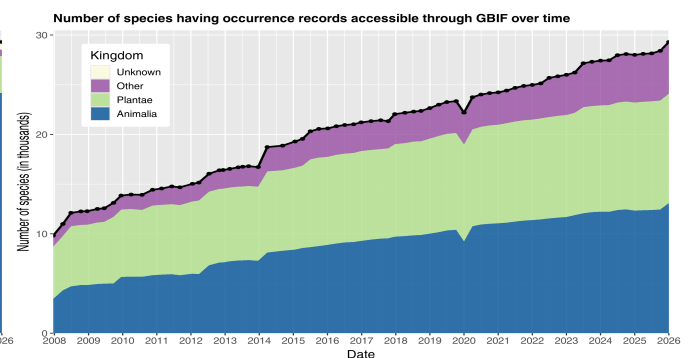
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Cuba



Occurrence records available about species occurring in Cuba



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

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 Cuba

Colección de Malacología Médica del Instituto Pedro Kourí (IPK). *Published by Institute of Tropical Medicine Pedro Kourí*
<https://doi.org/10.15468/8xqqjy>

Lepidopteros de Cuba. *Published by Instituto de Ecología y Sistemática*
<https://doi.org/10.15468/k9guem>

Possible vectors associated to Oropouche virus transmission in Cuba, 2024. *Published by Institute of Tropical Medicine Pedro Kourí*
<https://doi.org/10.15468/cndehf>

Especímenes de la Colección de Mamíferos del Instituto de Ecología y Sistemática. *Published by Instituto de Ecología y Sistemática*
<https://doi.org/10.15468/uvcv7t>

Moluscos terrestres (Mollusca: Gastropoda) de Cuba. *Published by Instituto de Geografía Tropical*
<https://doi.org/10.15468/3ku5jm>

Angiospermas acuáticas y palustres de agua dulce de Cuba. *Published by Instituto de Geografía Tropical*
<https://doi.org/10.15468/yr9j6h>

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

Newest publishers from Cuba

Instituto de Ecología y Sistemática

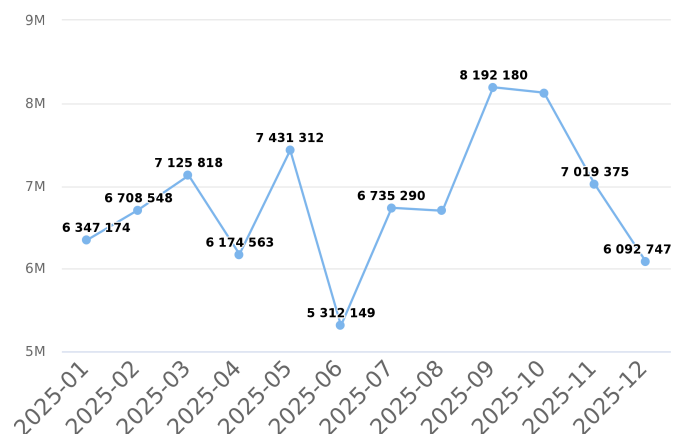
Institute of Tropical Medicine Pedro Kourí

IUCN/SSC Cuban Plant Specialist Group

Instituto de Geografía Tropical

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

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

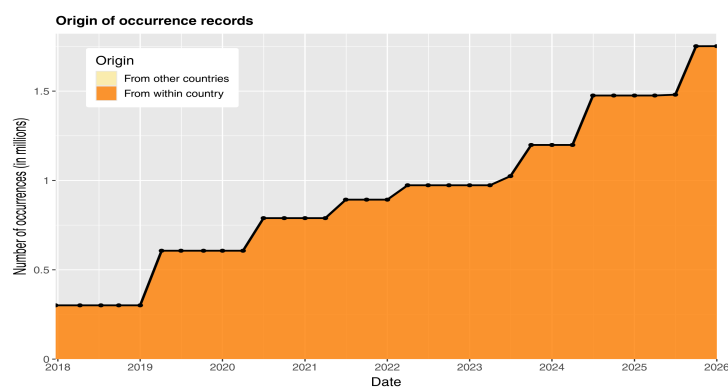


Number of occurrence records downloaded via
GBIF.org published by institutions in Cuba

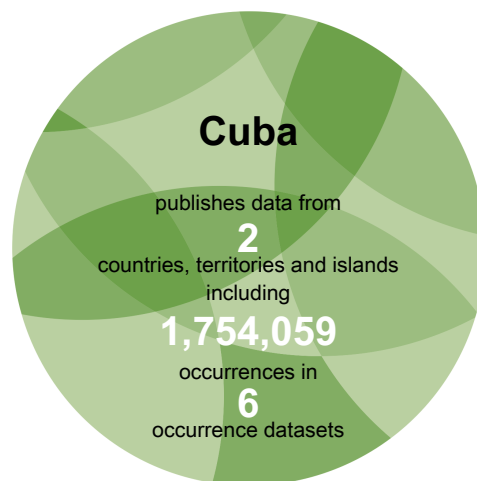


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Cuba

Rank	Country or area	No. of occurrences
1	Cuba	1,754,058
2	United States of America	430,979
3	Estonia	69,928
4	Germany	32,113
5	United Kingdom	30,222
6	Spain	27,715
7	Netherlands	19,495
8	Sweden	16,518
9	Canada	13,886
10	Venezuela	13,494

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

Top datasets contributing data about Cuba

EOD – eBird Observation Dataset. 1,695,197 occurrences in Cuba. (Last updated 29 Oct 2025)

NMNH Extant Specimen Records (USNM, US). 95,250 occurrences in Cuba. (Last updated 2 Jan 2026)

Global soil organisms. 65,727 occurrences in Cuba. (Last updated 27 Feb 2023)

The New York Botanical Garden Herbarium (NY). 62,401 occurrences in Cuba. (Last updated 25 Dec 2025)

iNaturalist Research-grade Observations. 56,589 occurrences in Cuba. (Last updated 31 Dec 2025)

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



Cuba participates in the following projects coordinated by GBIF

Mobilizing Cuban plant information from the IUCN SSC Cuban Plant Specialist Group

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-CA2020-001-NAC>

See all GBIF projects

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