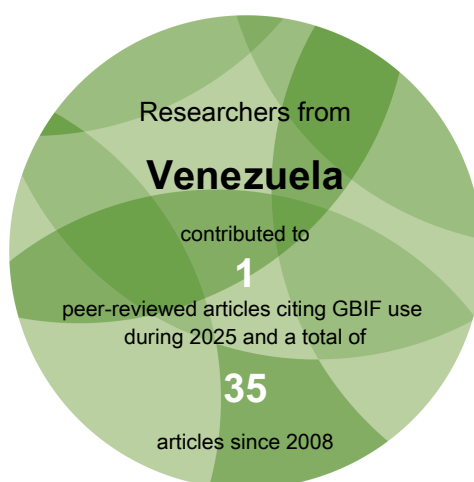


generated January 2026

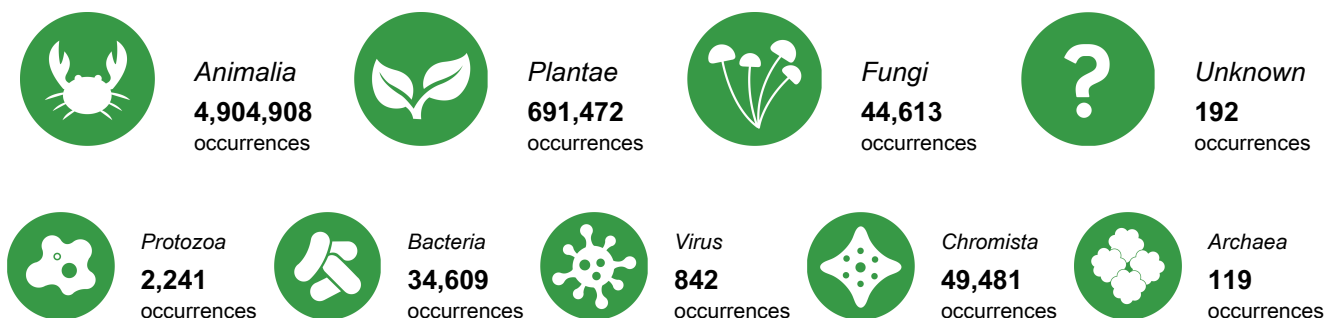
Venezuela

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 Venezuela. 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.

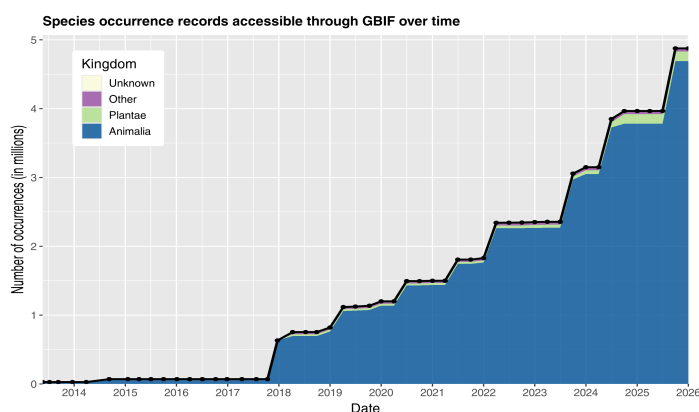
► Access and usage



► Data availability in Venezuela



► Data mobilization

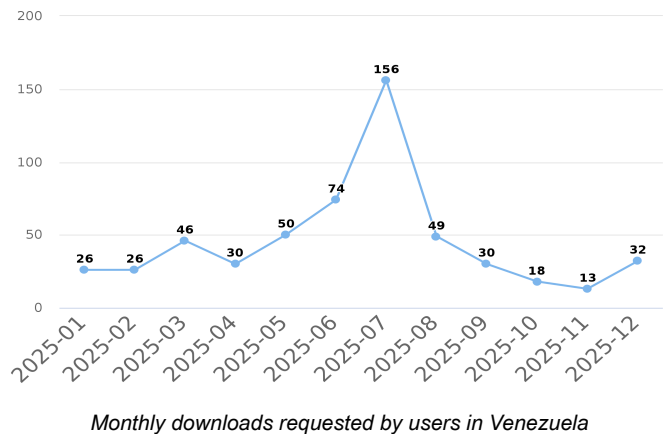
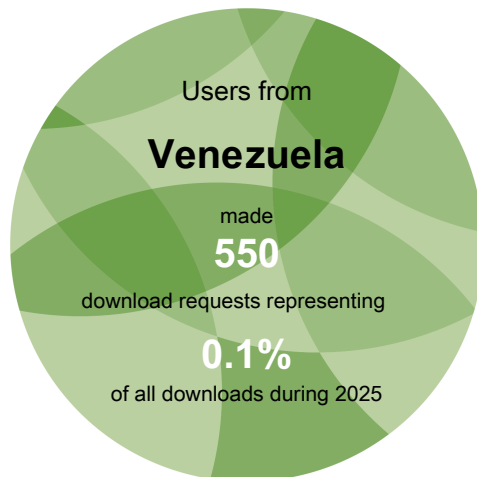


Number of records published by institutions in Venezuela, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Venezuela



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

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 Venezuela.

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

Tardin, Maricato, Kiszka *et al.* (2025) Optimistic climate mitigation scenario halves projected range loss in a neotropical dolphin. *Ocean & Coastal Management*.
<https://doi.org/10.1016/j.ocecoaman.2025.107800>

Escalona, Simões, Gonzalez-Voyer *et al.* (2024) Allometric Constraint Predominates Over the Acoustic Adaptation Hypothesis in a Radiation of Neotropical Treefrogs. *Integrative Zoology*.
<https://doi.org/10.1111/1749-4877.12920>

Otálora-Ardila, Cuervo-Robay, Nassar *et al.* (2024) Potential distribution of the Curaçaoan Long-nosed Bat, *Leptonycteris curasoae*: implications for monitoring and conservation. *Therya*.
<https://doi.org/10.12933/therya-24-6140>

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>

Alves-Martins, Stropp, Juen *et al.* (2024) Sampling completeness changes perceptions of continental scale climate–species richness relationships in odonates. *Journal of Biogeography*.
<https://doi.org/10.1111/jbi.14810>

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



Data availability

Total data available for selected taxonomic groups in Venezuela



Mammals
41,714
occurrences



Birds
4,353,059
occurrences



Bony fish
113,809
occurrences



Amphibians
17,727
occurrences



Insects
263,127
occurrences



Reptiles
16,976
occurrences



Molluscs
33,259
occurrences



Arachnids
5,056
occurrences



Flowering plants
581,206
occurrences



Ferns
53,860
occurrences



Gymnosperms
887
occurrences



Mosses
21,522
occurrences



Sac fungi
33,760
occurrences



Basidiomycota
10,300
occurrences

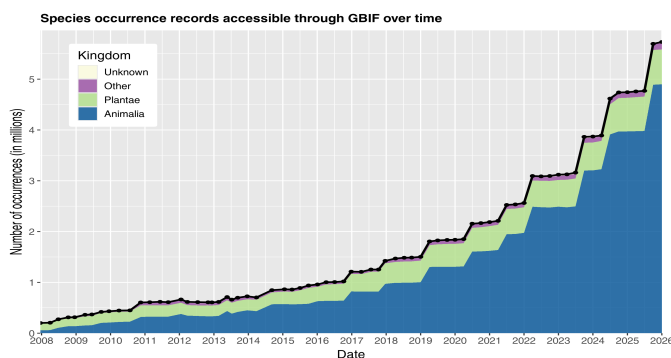
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

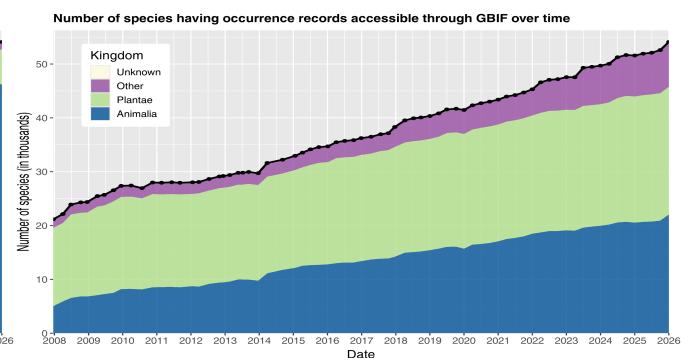
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Venezuela



Occurrence records available about species occurring in Venezuela



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

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 Venezuela

Sección Pteridophyta del Herbario Isidro Ramón Bermúdez Romero (IRBR), de la Universidad de Oriente, Núcleo de Sucre, Cumaná, estado Sucre (Venezuela). *Published by Herbario IRBR*
<https://doi.org/10.15468/pc4vnx>

Mollusk death assemblages collected from Cuba in the Gulf of Guanahacabibes (2014) and the Gulf of Batabanó (2015). *Published by Caribbean OBIS Node*
<https://doi.org/10.15468/77uu95>

Macroalgae from Rocky reefs of Yucatan. *Published by Caribbean OBIS Node*
<https://doi.org/10.15468/vtxbg5>

Colección Ictiológica Museo de Ciencias Naturales de Guanare MCNG - INBIO Venezuela. *Published by INBIO-Venezuela*
<https://doi.org/10.15468/kkrz9z>

Colección Botánica del Herbario IVIC. *Published by Instituto Venezolano de Investigaciones Científicas (IVIC)*
<https://doi.org/10.15468/qq92zr>

Community of macrocrustaceans from the Mexican sandy beaches of the Gulf of México and Caribbean Sea collected by the National Autonomous University of Mexico (UNAM).. *Published by Caribbean OBIS Node*
<https://doi.org/10.15468/zfgt5w>

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

Newest publishers from Venezuela

Herbario IRBR

Instituto Venezolano de Investigaciones Científicas (IVIC)

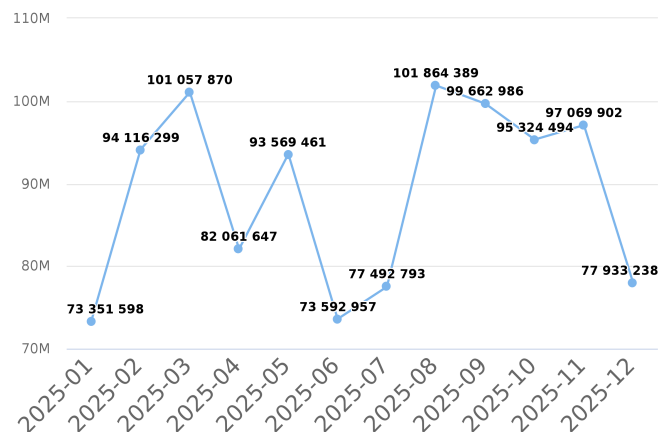
INBIO-Venezuela

Laboratorio de Sistemas de Información Geográfica y Modelado Ambiental (LSIGMA-USB)

Provita

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

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

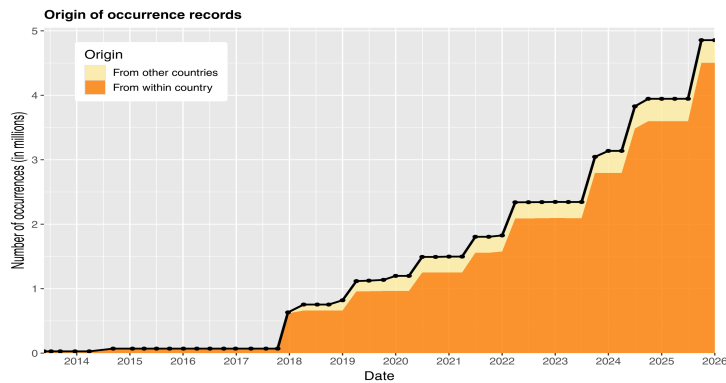


Number of occurrence records downloaded via GBIF.org published by institutions in Venezuela

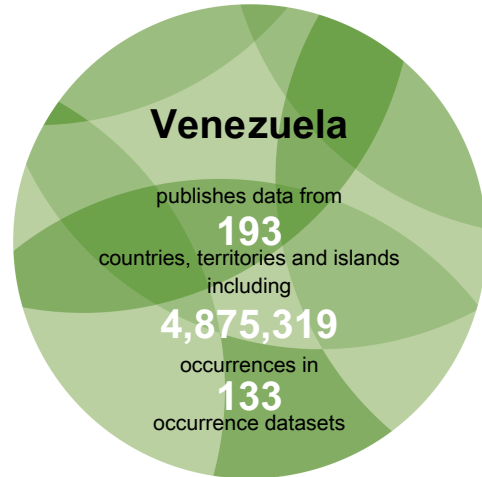


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Venezuela

Rank	Country or area	No. of occurrences
1	Venezuela	4,505,417
2	United States of America	897,827
3	Germany	60,723
4	United Kingdom	56,399
5	Netherlands	56,243
6	Brazil	33,220
7	France	16,246
8	Belgium	15,346
9	Sweden	14,702
10	International organization or unknown country	13,015

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

Top datasets contributing data about Venezuela

- EOD – eBird Observation Dataset. 4,229,438 occurrences in Venezuela. (Last updated 29 Oct 2025)
- NMNH Extant Specimen Records (USNM, US). 174,053 occurrences in Venezuela. (Last updated 2 Jan 2026)
- Tropicos MO Specimen Data. 142,729 occurrences in Venezuela. (Last updated 31 Dec 2025)
- Snow Entomological Museum Collection. 66,567 occurrences in Venezuela. (Last updated 2 Jan 2026)
- Colección Botánica del Herbario IVIC. 58,875 occurrences in Venezuela. (Last updated 15 Jul 2024)

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



Venezuela participates in the following projects coordinated by GBIF

Rescuing the knowledge base of Venezuela's marine biodiversity

BID: Biodiversity Information for Development, 2021–2022

<https://www.gbif.org/project/BID-CA2020-025-NAC>

Strengthening biodiversity data mobilization in Venezuela

BID: Biodiversity Information for Development, 2021–2022

<https://www.gbif.org/project/BID-CA2020-041-INS>

See all GBIF projects

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