

generated January 2025

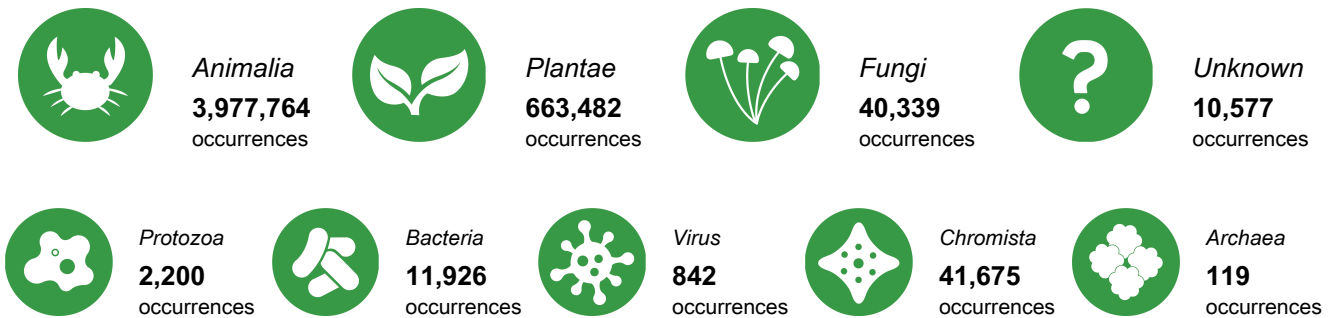
Venezuela

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.

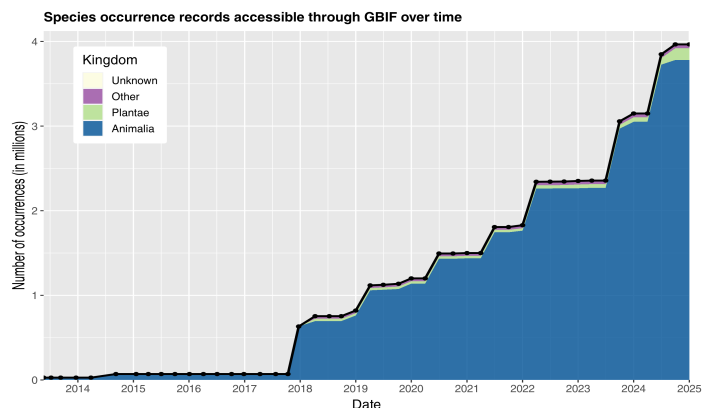
► Access and usage



► Data availability in Venezuela



► Data mobilization

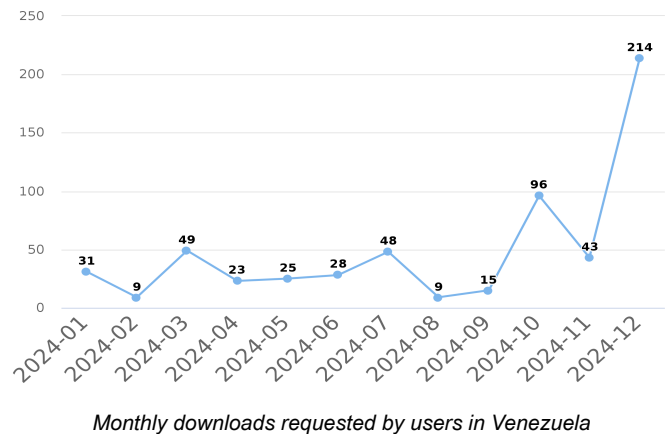
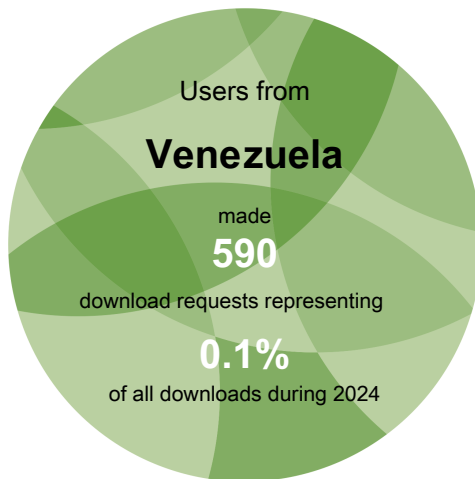


Number of records published by institutions in Venezuela, categorized by kingdom



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.

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>

Shanee, Tirira, Aquino *et al.* (2023) Geographic Distribution of Owl Monkeys. *Owl Monkeys*.
https://doi.org/10.1007/978-3-031-13555-2_2

Medina. (2023) Ecophysiological Features of the Lowland meadow's Species within the Upper Rio Negro and Orinoco Basins. *Psammic Peinobiomes*.
https://doi.org/10.1007/978-3-031-20799-0_12

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
41,258
occurrences



Birds
3,442,249
occurrences



Bony fish
112,572
occurrences



Amphibians
17,262
occurrences



Insects
253,008
occurrences



Reptiles
15,477
occurrences



Molluscs
32,632
occurrences



Arachnids
4,258
occurrences



Flowering plants
559,916
occurrences



Ferns
50,547
occurrences



Gymnosperms
863
occurrences



Mosses
19,382
occurrences



Sac fungi
30,619
occurrences



Basidiomycota
8,952
occurrences

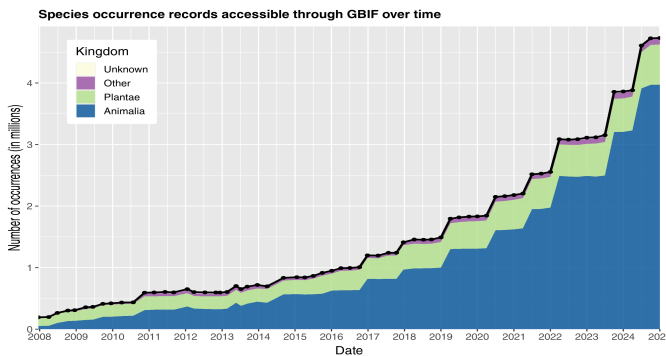
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

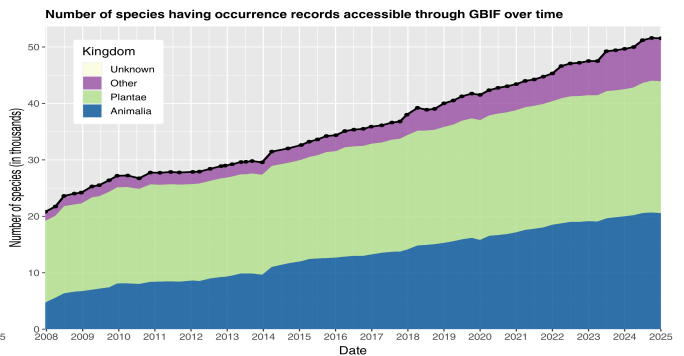
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

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>

Macroalgae from eight reefs in the Campeche Bank, collected by the National Autonomous University of Mexico (UNAM). *Published by Caribbean OBIS Node*
<https://doi.org/10.15468/k4u4mx>

Colección Botánica del Herbario Universitario PORT. *Published by INBIO-Venezuela*
<https://doi.org/10.15468/uw98jy>

Galapagos Subtidal Biodiversity. *Published by Caribbean OBIS Node*
<https://doi.org/10.15468/gsa458>

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

Newest publishers from Venezuela

Instituto Venezolano de Investigaciones Científicas (IVIC)

INBIO-Venezuela

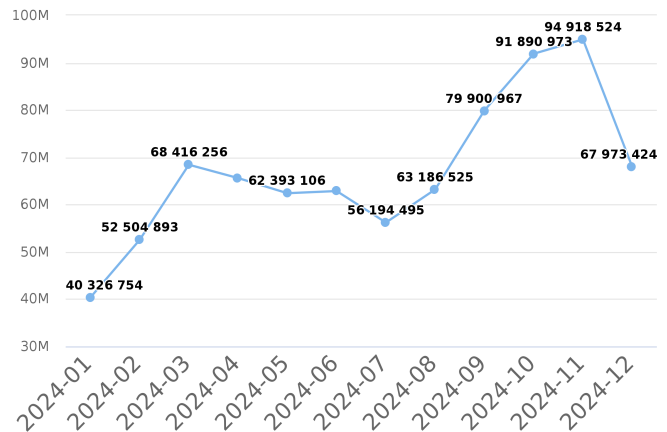
Laboratorio de Sistemas de Información Geográfica y Modelado Ambiental (LSIGMA-USB)

Provita

Caribbean OBIS Node

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

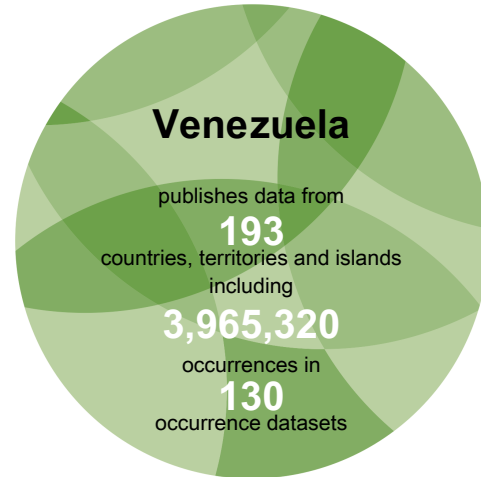
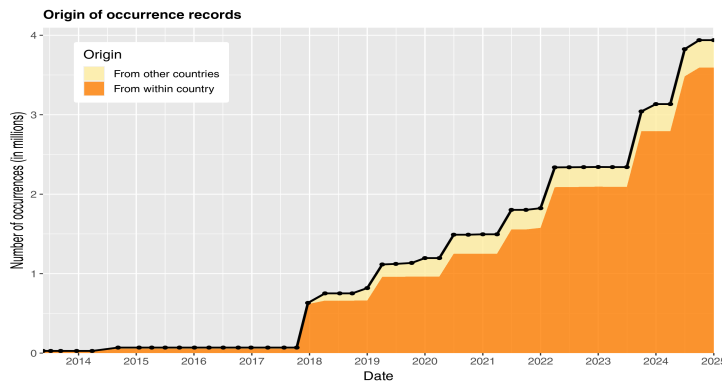


Number of occurrence records downloaded via GBIF.org published by institutions in Venezuela



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	3,597,765
2	United States of America	871,760
3	Netherlands	55,352
4	United Kingdom	42,847
5	Germany	37,103
6	Brazil	32,922
7	France	15,202
8	Colombia	12,870
9	International organization or unknown country	11,686
10	Spain	11,467

Top datasets contributing data about Venezuela

- EOD – eBird Observation Dataset. 3,322,607 occurrences in Venezuela. (Last updated 27 Sep 2024)
- NMNH Extant Specimen Records (USNM, US). 173,830 occurrences in Venezuela. (Last updated 2 Jan 2025)
- Tropicos MO Specimen Data. 142,223 occurrences in Venezuela. (Last updated 4 Jan 2025)
- Snow Entomological Museum Collection. 66,569 occurrences in Venezuela. (Last updated 2 Dec 2024)
- Colección Botánica del Herbario IVIC. 58,875 occurrences in Venezuela. (Last updated 15 Jul 2024)

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

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)