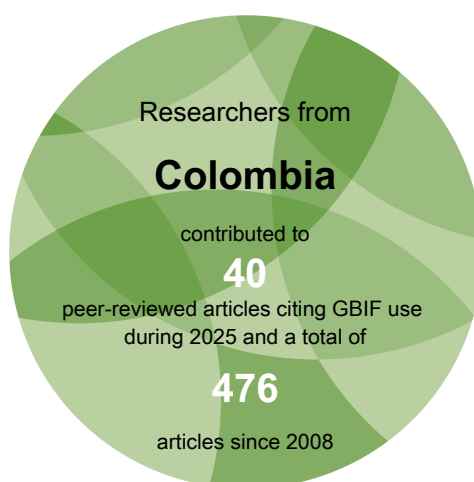


generated January 2026

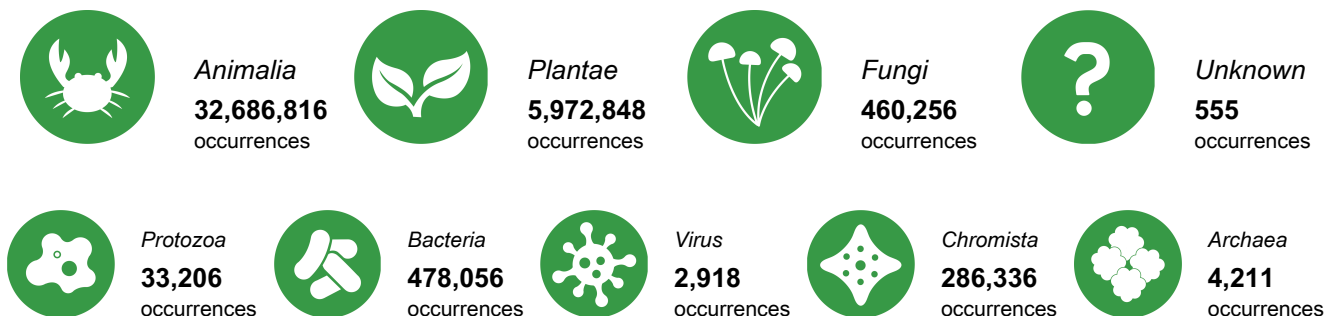
## Colombia

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 Colombia. 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.

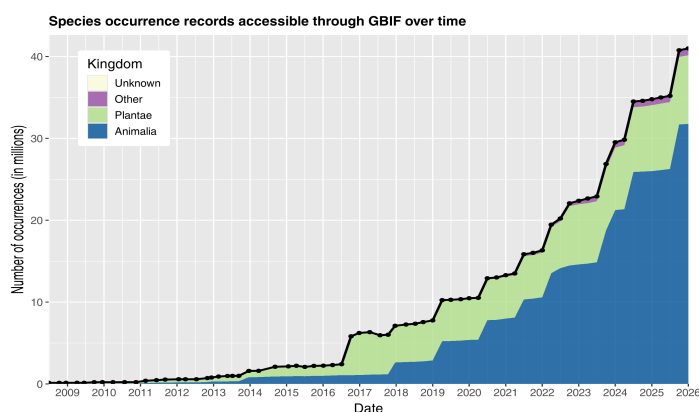
### ► Access and usage



### ► Data availability in Colombia



### ► Data mobilization

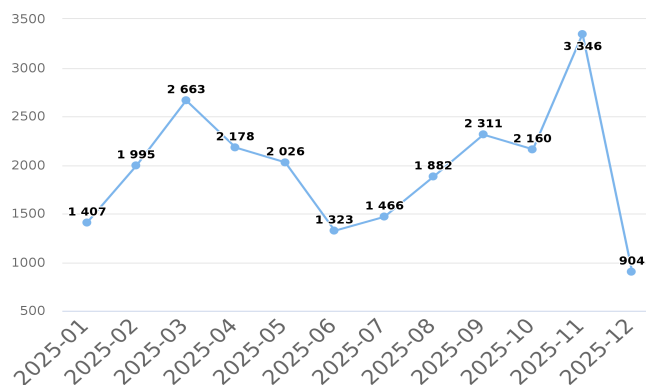
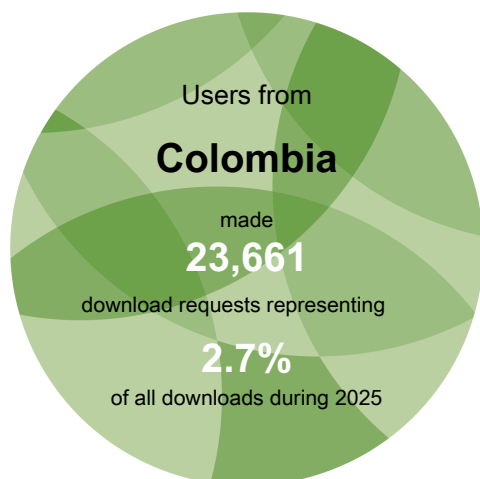


Number of records published by institutions in Colombia, categorized by kingdom



## Access and usage

### Data downloads on GBIF.org from users in Colombia



Monthly downloads requested by users in Colombia

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

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 Colombia.

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

Suárez-Martínez, Bedoya-Roque, Quirós-Rodríguez. (2025) A new species of jumping spider of the genus *Noegus* Simon 1900 (Araneae: Salticidae: Amycini) from Colombia. *Acta Arachnologica*.  
<https://doi.org/10.2476/asjaa.74.9>

Arias, Moreno, Reyes *et al.* (2025) Plastome phylogenomics of the diverse neotropical orchid genus *Lepanthes* with emphasis on subgenus *Marsiphanthes* (Pleurothallidinae: Orchidaceae). *BMC Ecology and Evolution*.  
<https://doi.org/10.1186/s12862-025-02396-6>

Ordoñez, López, López *et al.* (2025) Diversidad de orquídeas en diferentes tipos de vegetación en el DMI Cuchilla de Peñas Blancas, Cundinamarca, Colombia, Orchid Diversity by Type of Vegetation in the Integrated Management District of Cuchilla de Peñas Blancas, Cundinamarca, Colombia. *Colombia forestal*.  
<https://doi.org/10.14483/2256201x.22574>

Sandoval-Riveros, Gavio. (2025) Revealing the Uncommon: Morphological Study of *Ceramium floridanum* (Ceramiaceae, Rhodophyta) from Colombia and Notes on its Distribution. *Caribbean Journal of Science*.  
<https://doi.org/10.18475/cjos.v55i1.a21>

Pinoargote-Chang, Corozo-Quiñónez, Saltos-Rezabala *et al.* (2025) *Annona deceptrix* as a potential biofactory for secondary metabolites

using plant cell and tissue cultures. *Scientia Agropecuaria*.  
<https://doi.org/10.17268/sci.agropecu.2025.034>



## Data availability

### Total data available for selected taxonomic groups in Colombia



**Mammals**  
**672,456**  
occurrences



**Birds**  
**26,433,866**  
occurrences



**Bony fish**  
**2,306,144**  
occurrences



**Amphibians**  
**278,549**  
occurrences



**Insects**  
**1,665,805**  
occurrences



**Reptiles**  
**278,934**  
occurrences



**Molluscs**  
**74,948**  
occurrences



**Arachnids**  
**54,300**  
occurrences



**Flowering plants**  
**5,359,233**  
occurrences



**Ferns**  
**203,047**  
occurrences



**Gymnosperms**  
**33,184**  
occurrences



**Mosses**  
**145,940**  
occurrences



**Sac fungi**  
**324,449**  
occurrences



**Basidiomycota**  
**88,588**  
occurrences

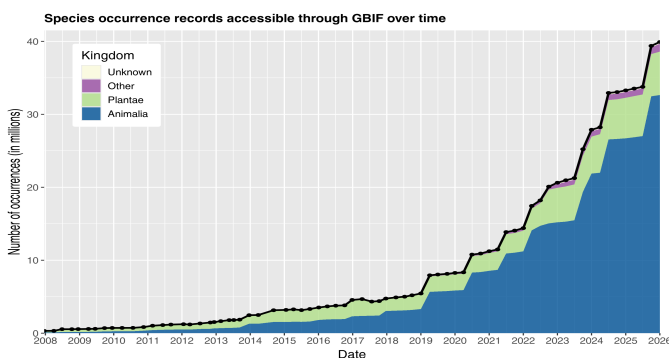
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

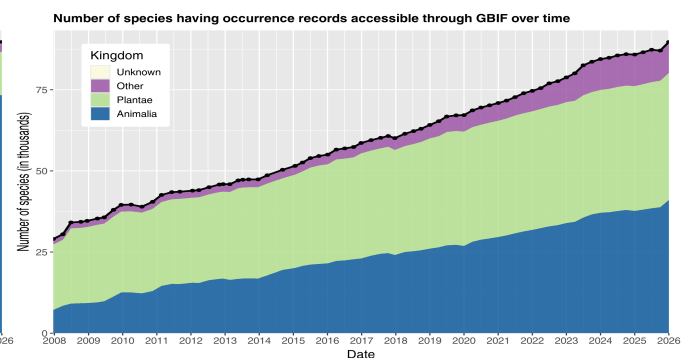
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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

### Change over time in records about biodiversity in Colombia



Occurrence records available about species occurring in Colombia



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

#### 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 Colombia

Caracterización florística y estructural de bosques altoandinos en Riosucio, Caldas. *Published by Smurfit Westrock Colombia*  
<https://doi.org/10.15472/u0vz3m>

Biodiversidad marina encontrada durante la expedición Colombia BIO Juradó-Cupica, departamento del Chocó, Pacífico norte colombiano - Proyecto Colombia BIO. *Published by Instituto de Investigaciones Marinas y Costeras - Invemar*  
<https://doi.org/10.15472/kz6mh8>

Monitoreo de Fauna en la Reserva Natural de la Sociedad Civil (RNSC) Ecoparque Sabana a través de Fototrampeo - Año 2021. *Published by Fundación Parque Jaime Duque*  
<https://doi.org/10.15472/1iliho>

Monitoreo de abejas como grupo indicador de adicionalidad en las reforestaciones de los bloques Corcel y Casimena. *Published by Frontera Energy Colombia Corp*  
<https://doi.org/10.15472/oibsg0>

Caracterización florística y faunística de los bosques naturales existentes en el Núcleo Salinas de Smurfit Westrock Colombia (municipio de Sotará y Timbío, departamento del Cauca). *Published by Smurfit Westrock Colombia*  
<https://doi.org/10.15472/ft5b6a>

See all datasets from this country or area: [gbif.org/dataset/search?publishing\\_country=CO](https://gbif.org/dataset/search?publishing_country=CO)

## Newest publishers from Colombia

Fundación Parque Jaime Duque

Ecoingeniería S.A.E

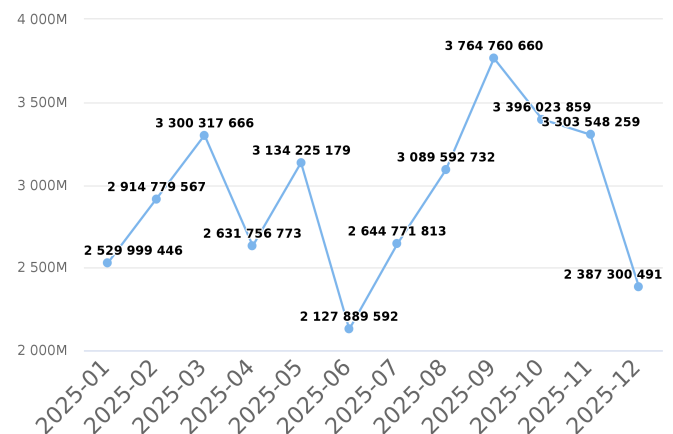
Departamento Administrativo de Gestión del Medio Ambiente

Fundación Cataruben

Corporación para la Investigación de la Corrosión

See all publishers from this country or area  
[gbif.org/publisher/search?country=CO](https://gbif.org/publisher/search?country=CO)

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

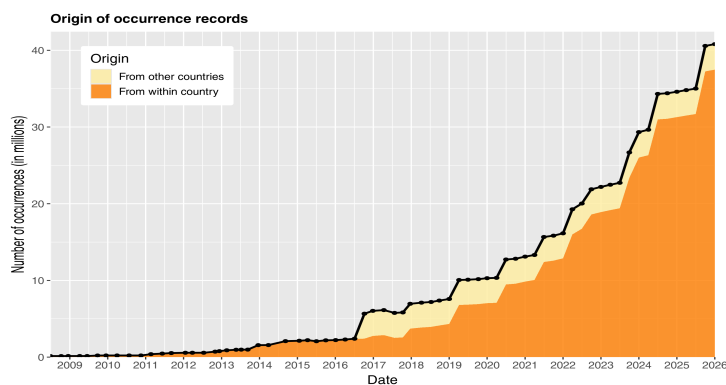


Number of occurrence records downloaded via GBIF.org published by institutions in Colombia

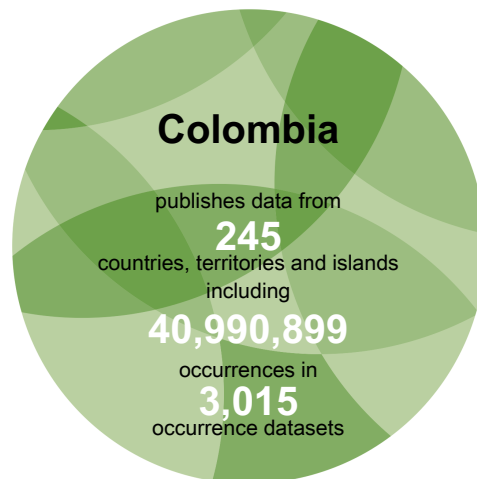


## Data mobilization

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



Data sharing with country or area of origin



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

### Top data contributors about biodiversity in Colombia

| Rank | Country or area                               | No. of occurrences |
|------|-----------------------------------------------|--------------------|
| 1    | Colombia                                      | 37,481,803         |
| 2    | United States of America                      | 1,297,332          |
| 3    | Estonia                                       | 212,854            |
| 4    | Germany                                       | 205,347            |
| 5    | International organization or unknown country | 154,932            |
| 6    | Netherlands                                   | 147,028            |
| 7    | United Kingdom                                | 123,308            |
| 8    | Denmark                                       | 61,348             |
| 9    | Spain                                         | 46,660             |
| 10   | France                                        | 39,300             |

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

### Top datasets contributing data about Colombia

EOD – eBird Observation Dataset. 24,153,535 occurrences in Colombia. (Last updated 29 Oct 2025)

Pesquería Artesanal de la Ciénaga Grande de Santa Marta - SIPEIN. 2,015,288 occurrences in Colombia. (Last updated 17 Jun 2024)

Rescate y reubicación de Epífitas en el área del vaso del embalse del Proyecto Hidroeléctrico Ituango. 682,694 occurrences in Colombia. (Last updated 12 Jan 2024)

Aprovechamiento Forestal en el área de influencia del Proyecto Hidroeléctrico Ituango. 666,535 occurrences in Colombia. (Last updated 12 Jan 2024)

iNaturalist Research-grade Observations. 557,825 occurrences in Colombia. (Last updated 31 Dec 2025)

See all contributing countries and areas or datasets: [gbif.org/country/CO/about](https://gbif.org/country/CO/about)



## Colombia participates in the following projects coordinated by GBIF

### Catalogue of the Fishes of Colombia

*BID: Biodiversity Information for Development, 2021–2023*

<https://www.gbif.org/project/BID-CA2020-030-USE>

### Facilitating the engagement of Ibero-American community

*Capacity Enhancement Support Programme, 2016–2017*

This collaboration between SiB Colombia and GBIF Spain aims to produce new learning and promotional resources that serve bridge one of the linguistic gaps in the GBIF network.

<https://www.gbif.org/project/82839>

### Enhancing data publication, access and use capacities in the private sector

*Capacity Enhancement Support Programme, 2022–2024*

<https://www.gbif.org/project/CESP2022-010>

### Improving biodiversity data quality in Latin America: documenting best practices across data workflows and life cycles

*Capacity Enhancement Support Programme, 2020–2022*

Addressing and implementing approaches for enhancing the quality of unpublished, published and repatriated biodiversity data

<https://www.gbif.org/project/5JJH6ZKCjztKrQ750OAadQ>

### Training in participatory biodiversity monitoring: Building locally, connecting globally

*Capacity Enhancement Support Programme, 2017–2018*

Instruction in the theory and practice of community-based monitoring hopes to establish a self-sustaining, Spanish-speaking community of practice.

<https://www.gbif.org/project/83344>

### Extending tools for improving biodiversity data quality to Spanish-speaking communities

*Capacity Enhancement Support Programme, 2017–2018*

By translating elements of a key tool for making pre-publications improvements to data quality, VertNet and SiB Colombia will fill an important technical gap for the numerous Spanish-speaking staff across the GBIF community.

<https://www.gbif.org/project/83348>

### Data quality: Improving primary biodiversity data in the GBIF network

*Capacity Enhancement Support Programme, 2014–2015*

This regional initiative aims to address data quality by transferring knowledge about best publishing practices and putting them into effect.

<https://www.gbif.org/project/82230>

### Plant communities of tropical dry forests in Caribbean Colombia

*BID: Biodiversity Information for Development, 2021–2023*

<https://www.gbif.org/project/BID-CA2020-024-INS>

### Data mobilization for key entomological groups across Caribbean Colombia

*BID: Biodiversity Information for Development, 2021–2023*

<https://www.gbif.org/project/BID-CA2020-045-NAC>

### Mobilizing marine data from Colombian natural history collections

*BID: Biodiversity Information for Development, 2021–2023*

<https://www.gbif.org/project/BID-CA2020-055-NAC>

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