

generated January 2025

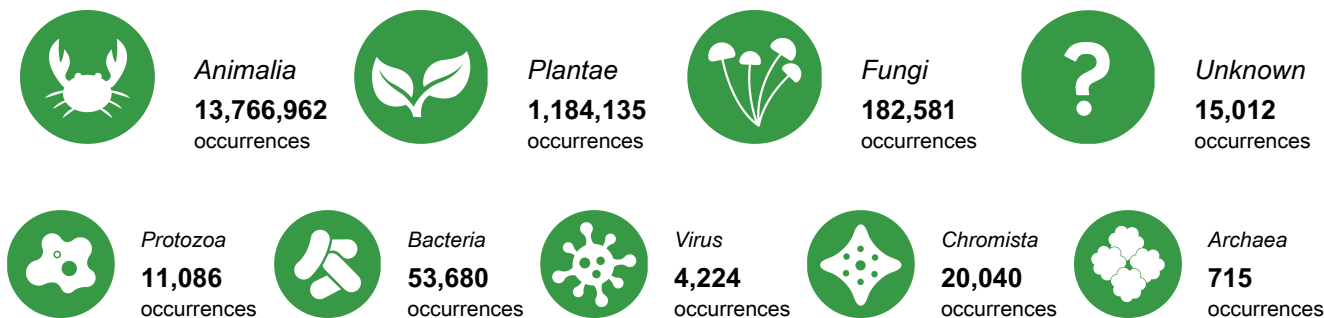
Argentina

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 Argentina. 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.

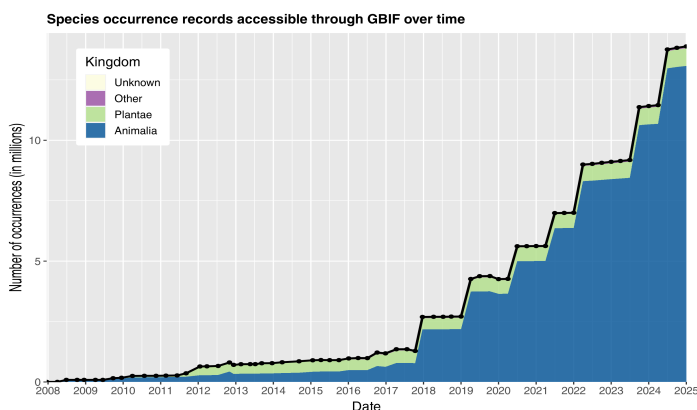
► Access and usage



► Data availability in Argentina



► Data mobilization

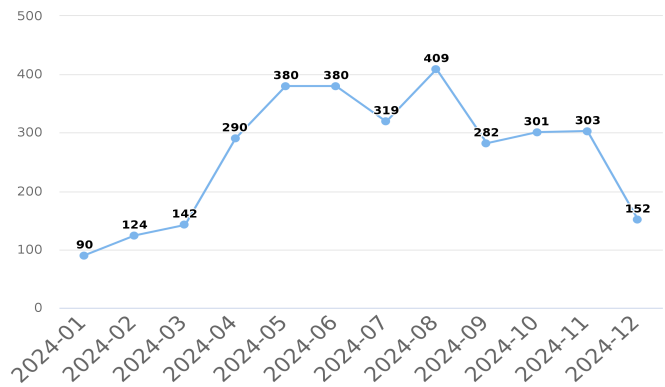


Number of records published by institutions in Argentina, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Argentina



Monthly downloads requested by users in Argentina

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

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 Argentina.

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

Xavier, Bovcon, Basílio *et al.* (2024) Distributional limits of the Shortnose Guitarfish, *Zapteryx brevirostris* (Rhinopristiformes: Trygonorrhinidae) - An update. *Ocean and Coastal Research*.
<https://doi.org/10.1590/2675-2824072.23119>

Desidério, Sganga, Libonatti *et al.* (2024) After six decades, a new species of the Andean caddisfly genus *Eosericostrima* Schmid, 1955 (Trichoptera: Helicophidae) is discovered. *Austral Entomology*.
<https://doi.org/10.1111/aen.12713>

Perez-Garcia, Pérez-Alquicira, Rico *et al.* (2024) Despite forest fragmentation, river connectivity maintains gene flow and diversity in *Guadua trinii*, a woody bamboo of the Atlantic Forest in Argentina. *Hydrobiologia*.
<https://doi.org/10.1007/s10750-024-05764-3>

Orquera, Marinoni, Velazquez *et al.* (2024) Design of seed transfer zones and assessment of germplasm collections of *Neltuma alba* for reforestation and afforestation purposes in Argentina. *New Forests*.
<https://doi.org/10.1007/s11056-024-10072-8>

Otaño, Pérez-Pincheira, Moritan *et al.* (2024) Maastrichtian palaeoenvironments and palaeoclimate reconstruction in southern South America (Patagonia, Argentina) based on fossil fungi and algae using open data resources. *Historical Biology*.



Data availability

Total data available for selected taxonomic groups in Argentina



Mammals
181,378
occurrences



Birds
12,428,681
occurrences



Bony fish
101,947
occurrences



Amphibians
58,946
occurrences



Insects
531,340
occurrences



Reptiles
66,725
occurrences



Molluscs
83,977
occurrences



Arachnids
77,868
occurrences



Flowering plants
1,095,530
occurrences



Ferns
26,250
occurrences



Gymnosperms
7,887
occurrences



Mosses
21,740
occurrences



Sac fungi
94,562
occurrences



Basidiomycota
66,885
occurrences

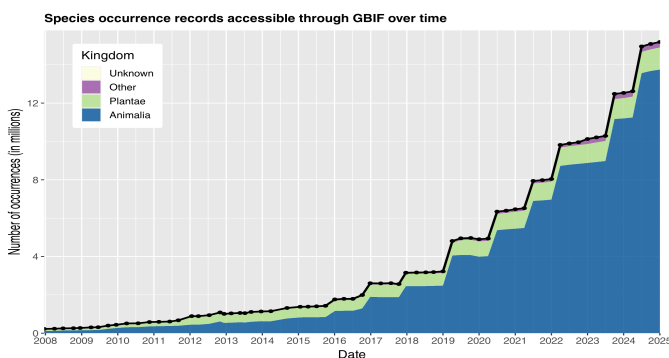
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

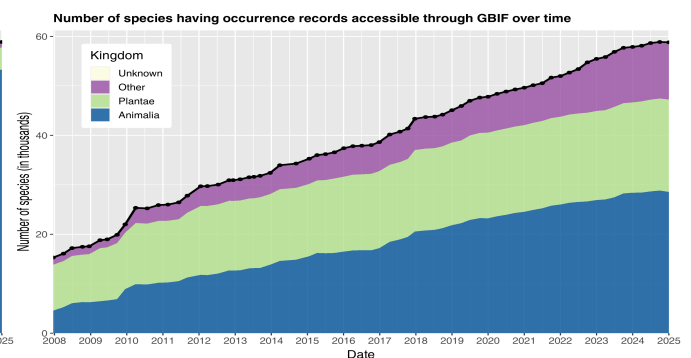
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Argentina



Occurrence records available about species occurring in Argentina



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

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 Argentina

Colección de macroalgas de sustratos duros del intermareal del Partido de Lobería, Buenos Aires (Argentina).. *Published by Instituto de Investigaciones Marinas y Costeras, CONICET-Universidad Nacional de Mar del Plata/Facultad de Ciencias Exactas y Naturales*
<https://doi.org/10.15468/rb8z29>

Phytoplankton microscopic observations from the FjordPhyto Citizen Science Project of the 2018-2019 Antarctic season - División Ficología "Dr. Sebastián A. Guarrera". *Published by Museo de La Plata*
<https://doi.org/10.15468/xxvhen>

Valfiera isopods from the Mar del Plata submarine canyon and adjacent area. *Published by ArOBIS Centro Nacional Patagónico*
<https://doi.org/10.15468/97cvng>

Macrobenthos in areas with organic enrichment: Mar del Plata and Quequén effluents, Argentina. *Published by Museo Municipal de Ciencias Naturales "Lorenzo Scaglia"*
<https://doi.org/10.15468/2z982k>

Muestreo de mamíferos terrestres en la Finca La Moraleja, Salta, Argentina.. *Published by Fundacion ProYungas*
<https://doi.org/10.15468/pxvw56>

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

Newest publishers from Argentina

Fundacion ProYungas

Instituto de Ciencias Biológicas y Biomédicas del Sur (INBIOSUR)

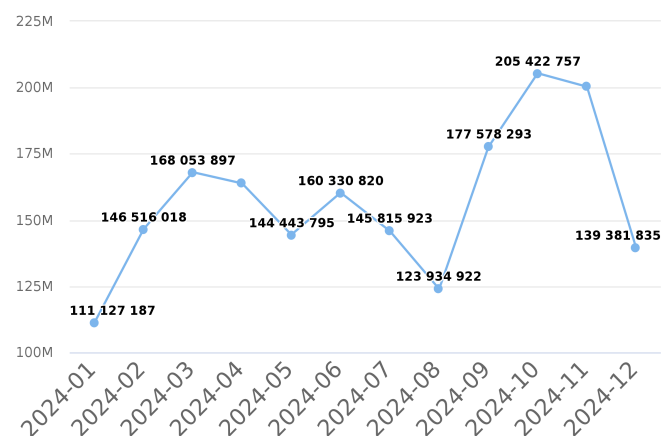
Instituto de Ecología y Desarrollo Sustentable (INEDES)

Centro de Investigaciones en Toxicología Ambiental y Agrobiotecnología del Comahue

INTA-EEA Junín

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

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

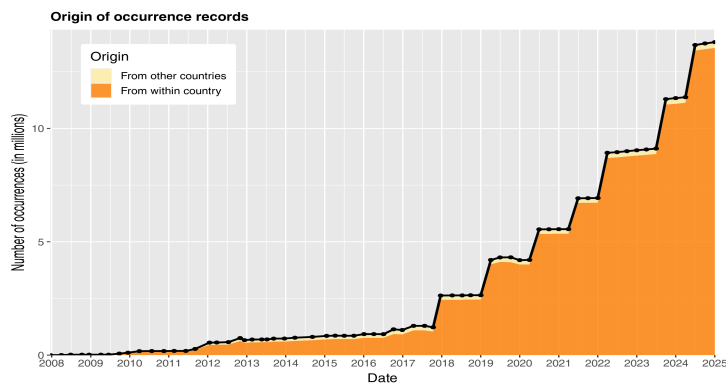


Number of occurrence records downloaded via GBIF.org published by institutions in Argentina



Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Argentina

Rank	Country or area	No. of occurrences
1	Argentina	13,583,209
2	United States of America	812,622
3	United Kingdom	178,027
4	International organization or unknown country	157,136
5	Estonia	125,677
6	Brazil	71,289
7	Netherlands	51,198
8	France	43,170
9	Colombia	34,353
10	Canada	26,469

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

Top datasets contributing data about Argentina

EOD – eBird Observation Dataset. 11,741,175 occurrences in Argentina. (Last updated 27 Sep 2024)

iNaturalist Research-grade Observations. 948,963 occurrences in Argentina. (Last updated 30 Dec 2024)

Instituto de Botánica Darwinion. 230,458 occurrences in Argentina. (Last updated 28 Feb 2018)

Programa de Observadores a Bordo (POBCh) de la Secretaria de Pesca de la Provincia del Chubut, Argentina . Observer On board Program -Fisheries Secretariat of the Province of Chubut-Argentina (OOBPPCh). 170,192 occurrences in Argentina. (Last updated 17 May 2021)

International Barcode of Life project (iBOL). 144,842 occurrences in Argentina. (Last updated 7 Aug 2024)

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



Argentina participates in the following projects coordinated by GBIF

Extending knowledge on biodiversity data quality and publication in the Spanish-speaking community

Capacity Enhancement Support Programme, 2021–2022

<https://www.gbif.org/project/CESP2021-007>

Argentina: Sistema Nacional de Datos Biológicos

, 2016–2016

<https://www.gbif.org/project/82985>

Tackling the spatial challenge in the Southern Cone through georeferencing training

Capacity Enhancement Support Programme, 2019–2021

<https://www.gbif.org/project/65NXZ9iEW2vkaZm6ZjF6w4>

Increasing capacities to develop National Species Checklists in the Latin America and the Caribbean Region

Capacity Enhancement Support Programme, 2018–2019

This regional project will work on defining consensus procedures for the development of national species checklists focused on achieving compatible databases with the existing ones. Developing procedures and information in Spanish, Portuguese and English will enable greater support for the Latin American and Caribbean region.

<https://www.gbif.org/project/1tM8FmqzlyGMmUilMaaSsl>

Developing a data extension for documenting socio-biodiversity information

Capacity Enhancement Support Programme, 2024–2026

<https://www.gbif.org/project/CESP2024-015>

Regional capacity enhancement by setting up Uruguay's data portal

Capacity Enhancement Support Programme, 2015–2016

Project to provide mentorship to Uruguay in establishing a national biodiversity website and data-portal, as well as an efficient data publication workflow.

<https://www.gbif.org/project/82209>

Improving the visibility of Latin American Natural Science Collections through a Global Collections Network Campaign

Capacity Enhancement Support Programme, 2023–2024

<https://www.gbif.org/project/CESP2022-012>

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>

From shared experiences to shared knowledge and common solutions: collaborating to improve web-based tools in Latin America and the Caribbean

Capacity Enhancement Support Programme, 2020–2022

Participating nodes aim to incorporate shared best practices, protocols, tools and future road maps for representing the region's biodiversity richness and abundance

<https://www.gbif.org/project/4YJIFEvYJi5kfuUVzNcfYH>

Strengthening Latin American sampling-event data publishing

Capacity Enhancement Support Programme, 2016–2017

This project will provide documentation and training to Latin American participants in order to strengthen publishing skills and increase cooperation in the region.

<https://www.gbif.org/project/83155>

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