

generated January 2025

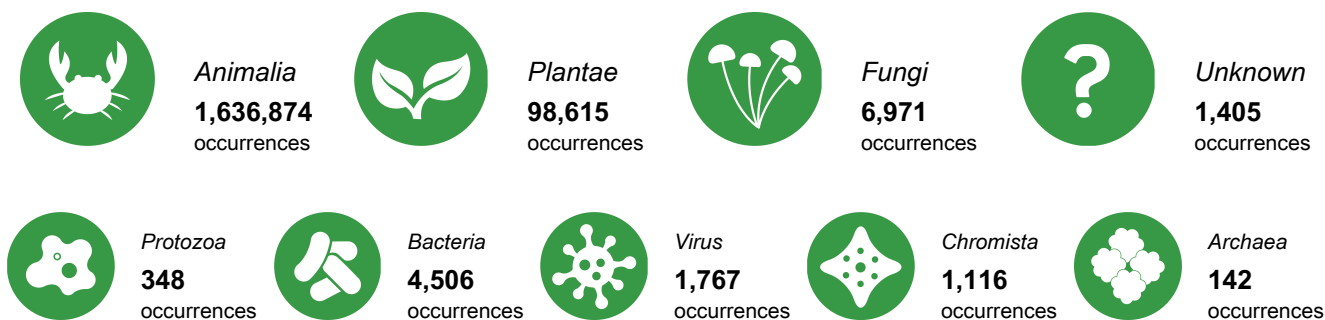
Uruguay

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 Uruguay. 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.

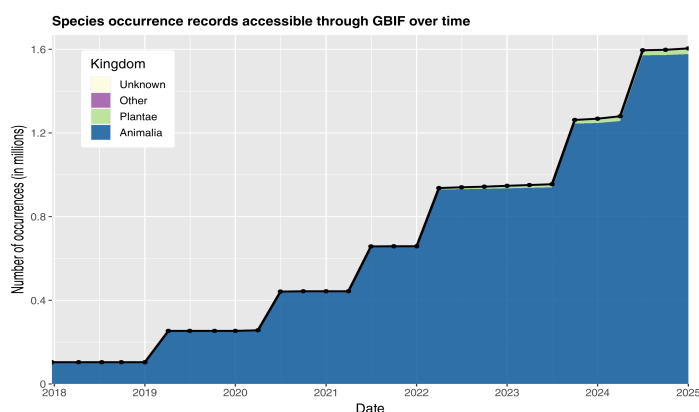
► Access and usage



► Data availability in Uruguay



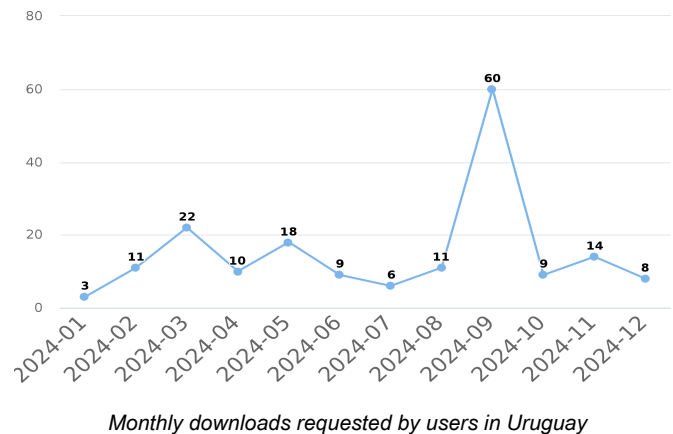
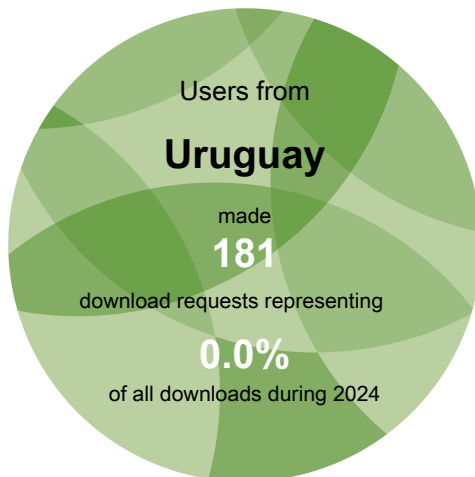
► Data mobilization



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

Access and usage

Data downloads on GBIF.org from users in Uruguay



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

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 Uruguay.

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

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>

Reyna, Alurralde, Taverna *et al.* (2023) Hotspot areas of marine introduced species in the Southwestern Atlantic. *Marine Ecology Progress Series*.
<https://doi.org/10.3354/meps14471>

Guido, Sühs, Marciniak *et al.* (2024) Invasive Alien Species in the Campos Sulinos: Current Status and Future Trends. *South Brazilian Grasslands*.
https://doi.org/10.1007/978-3-031-42580-6_19

Santos, Almeida, Aecyo *et al.* (2023) Macroevolutionary trends of the Neotropical genus *Ameroglossum* (Linderniaceae) in rocky outcrop environments. *Molecular Phylogenetics and Evolution*.
<https://doi.org/10.1016/j.ympev.2023.107929>

TORANZA, BRAZEIRO, MANEYRO. (2016) Anfíbios amenazados de Uruguay : efectividad de las áreas protegidas ante el cambio climático ; Threatened amphibians of Uruguay : effectiveness of protected areas face of climate change. *Ecología Austral*.

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

Data availability

Total data available for selected taxonomic groups in Uruguay



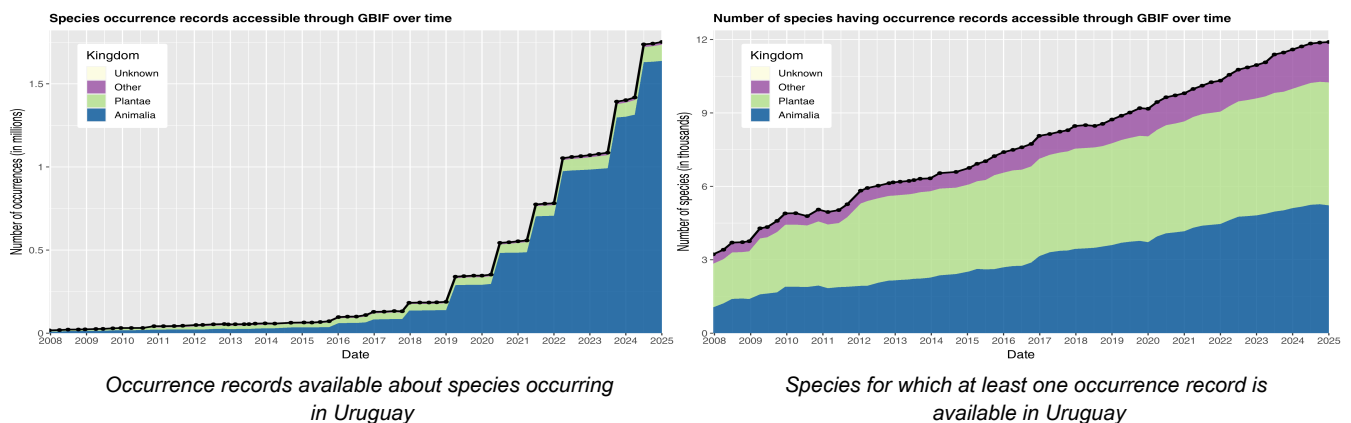
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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 Uruguay



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 Uruguay

Especies de fauna del Uruguay evaluadas y reportadas en Listas Rojas. *Published by Dirección Nacional de Biodiversidad y Servicios Ecosistémicos, Ministerio de Ambiente / National Direction of Biodiversity and Ecosystem Services, Ministry of Environment*
<https://doi.org/10.15468/tbrjqw>

Base de datos ambientales, oceanográficos y meteorológicos generados en proyectos de exploración de hidrocarburos 2007-2017. *Published by Dirección Nacional de Biodiversidad y Servicios Ecosistémicos, Ministerio de Ambiente / National Direction of Biodiversity and Ecosystem Services, Ministry of Environment*
<https://doi.org/10.15468/a9cxne>

Las aves del palmar de Butiá (Butia odorata) en Rocha, Uruguay. *Published by Biodiversidata*
<https://doi.org/10.15468/qpmYd8>

Metacomunidad de animales de charcos temporales de Rocha, Uruguay. *Published by Biodiversidata*
<https://doi.org/10.15468/s7yrey>

Anfibios y Reptiles del Centro Universitario Regional Noreste (UdelaR). *Published by Biodiversidata*
<https://doi.org/10.15468/s2zwpe>

Plantas Vasculares del Uruguay (Observaciones González). *Published by Biodiversidata*
<https://doi.org/10.15468/numhq3>

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

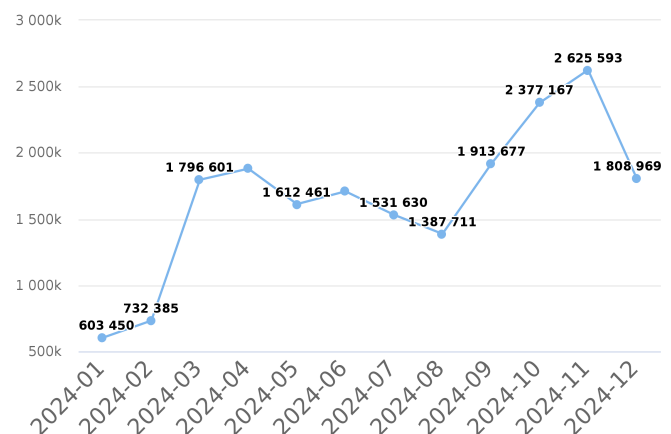
Newest publishers from Uruguay

Biodiversidata

Dirección Nacional de Biodiversidad y Servicios Ecosistémicos, Ministerio de Ambiente / National Direction of Biodiversity and Ecosystem Services, Ministry of Environment

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

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

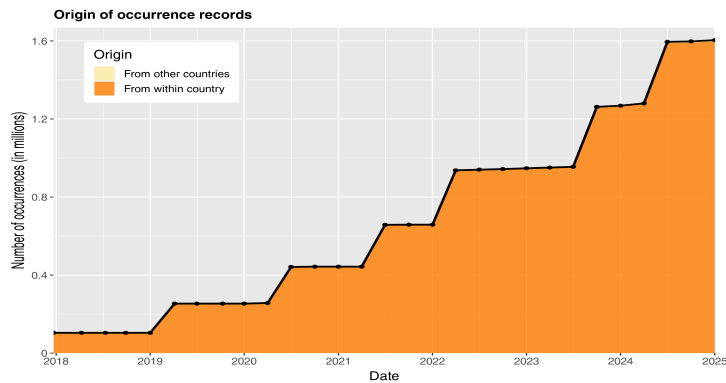


Number of occurrence records downloaded via GBIF.org published by institutions in Uruguay

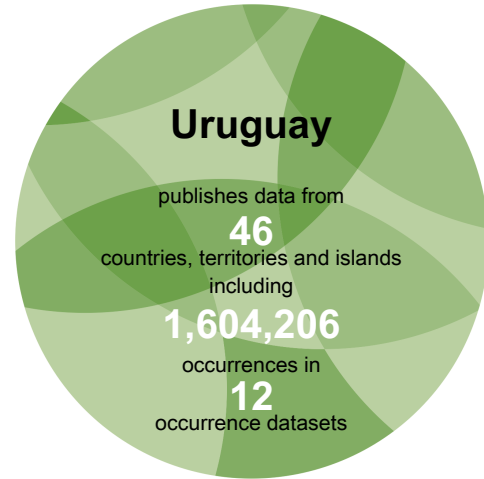


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Uruguay

Rank	Country or area	No. of occurrences
1	Uruguay	1,597,316
2	United States of America	67,523
3	Argentina	18,110
4	United Kingdom	12,685
5	Brazil	10,810
6	France	9,457
7	Sweden	6,343
8	Netherlands	6,005
9	Colombia	4,192
10	Germany	3,453

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

Top datasets contributing data about Uruguay

- EOD – eBird Observation Dataset. *1,528,891 occurrences in Uruguay.* (Last updated 27 Sep 2024)
- iNaturalist Research-grade Observations. *75,145 occurrences in Uruguay.* (Last updated 30 Dec 2024)
- NMNH Extant Specimen Records (USNM, US). *12,912 occurrences in Uruguay.* (Last updated 2 Jan 2025)
- Instituto de Botánica Darwinion. *7,158 occurrences in Uruguay.* (Last updated 28 Feb 2018)
- Metacomunidad de animales de charcos temporales de Rocha, Uruguay. *6,773 occurrences in Uruguay.* (Last updated 1 Mar 2024)

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



Uruguay participates in the following projects coordinated by GBIF

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>

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>

Workshop on digital documentation: Linking biodiversity data, publications and images

Capacity Enhancement Support Programme, 2014–2015

This project will increase the Latin American region's capacity to digitize and publish biodiversity data from scientific literature, images and other multimedia objects.

<https://www.gbif.org/project/82236>

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>

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