

generated January 2026

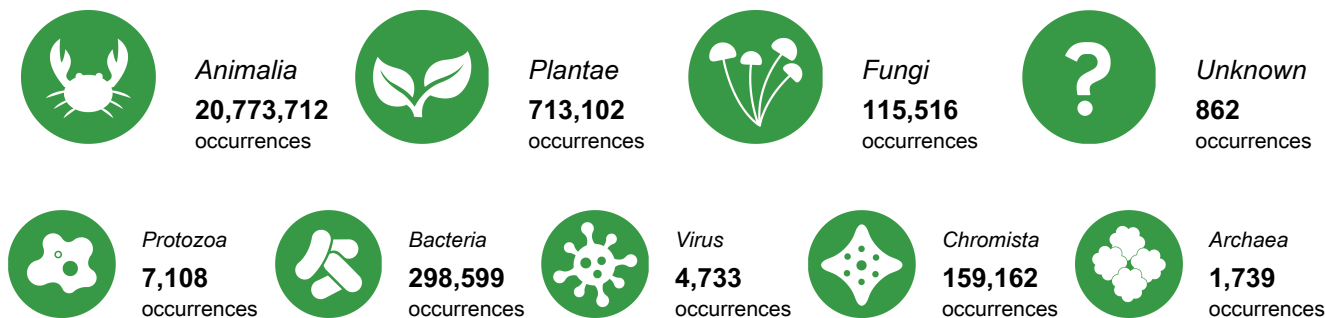
Chile

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 Chile. 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.

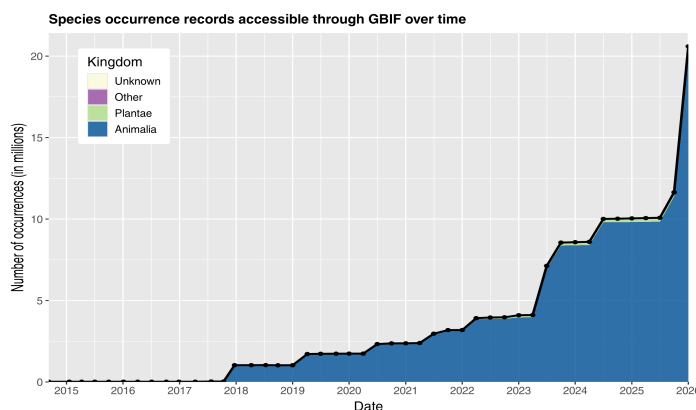
► Access and usage



► Data availability in Chile



► Data mobilization

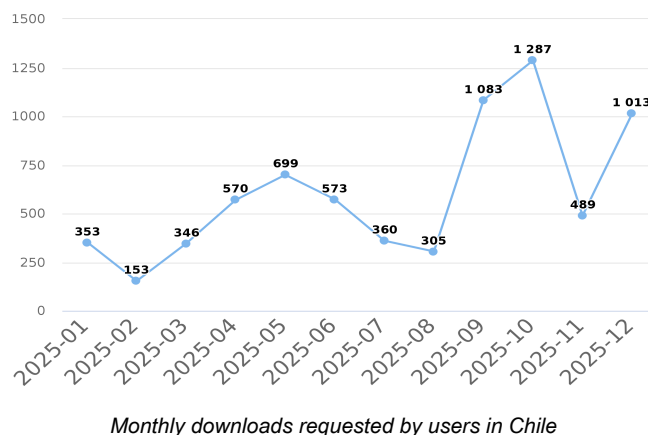
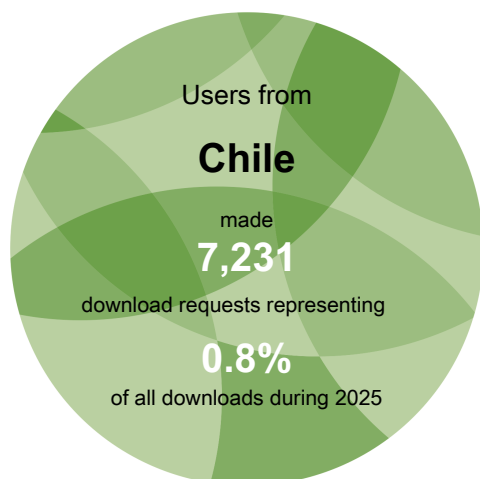


Number of records published by institutions in Chile,
categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Chile



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

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 Chile.

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

González de Andrés, Fajardo, Camarero *et al.* (2025) Surviving a megadrought: shifts in climate sensitivity of an austral conifer in Chile due to persistent water shortage. *Agricultural and Forest Meteorology*.

<https://doi.org/10.1016/j.agrformet.2025.110791>

Maturana, Bernal-Durán, Gañán *et al.* (2025) Bridging the Scotia Arc: Climate-Driven Shifts in Connectivity of the Freshwater Crustacean Branchinecta gaini in Sub-Antarctic and Antarctic Ecosystems. *Diversity and Distributions*.

<https://doi.org/10.1111/ddi.70049>

Seebens, Meyerson, Richardson *et al.* (2025) Biological invasions: a global assessment of geographic distributions, long-term trends, and data gaps. *Biological Reviews*.

<https://doi.org/10.1111/brv.70058>

Protsenko, Protsenko, Kovalenko *et al.* (2025) New Collembola occurrence records from the western Antarctic Peninsula. *Ukrainian Antarctic Journal*.

<https://doi.org/10.33275/1727-7485.1.2025.744>

Partarrieu, Pinto, García *et al.* (2025) Plio–Pleistocene water cooling in the southeastern Pacific Ocean: Insights from paleoecology, marine sedimentary facies analysis, and Sr isotope stratigraphy at Coquimbo (~30°S), Chile. *Journal of Palaeogeography*.



Data availability

Total data available for selected taxonomic groups in Chile



Mammals
635,024
occurrences



Birds
7,855,257
occurrences



Bony fish
8,296,543
occurrences



Amphibians
14,237
occurrences



Insects
345,811
occurrences



Reptiles
29,937
occurrences



Molluscs
308,139
occurrences



Arachnids
19,820
occurrences



Flowering plants
515,682
occurrences



Ferns
26,249
occurrences



Gymnosperms
9,635
occurrences



Mosses
56,560
occurrences



Sac fungi
68,347
occurrences



Basidiomycota
37,080
occurrences

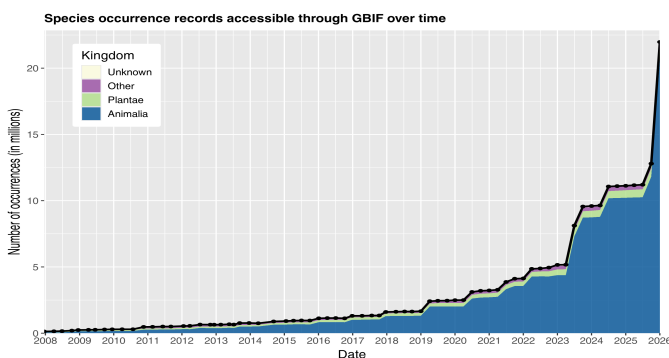
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

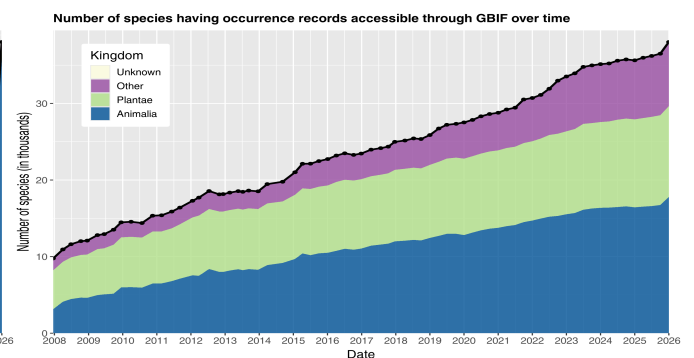
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Chile



Occurrence records available about species occurring in Chile



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

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 Chile

Flora de Chile - Museo Histórico de Placilla (MUHP). *Published by Museo Histórico de Placilla*

<https://doi.org/10.15468/xdh2x6>

Biodiversidad asociada a principales pesquerías de recursos pelágicos del Programa Asesoría Integral para la Toma de Decisiones en Pesca y Acuicultura, Subsecretaría de Pesca y Acuicultura.

Published by Subsecretaría de Pesca y Acuicultura

<https://doi.org/10.15468/q5esb4>

Biodiversidad asociada a las principales pesquerías de crustáceos del programa Asesoría Integral para la Toma de Decisiones en Pesca y Acuicultura, Subsecretaría de Pesca y Acuicultura.

Published by Subsecretaría de Pesca y Acuicultura

<https://doi.org/10.15468/ahe4sm>

Biodiversidad asociada a principales pesquerías de recursos altamente migratorios del Programa Asesoría Integral para la Toma de Decisiones en Pesca y Acuicultura, Subsecretaría de Pesca y Acuicultura. *Published by Subsecretaría de Pesca y Acuicultura*

<https://doi.org/10.15468/szt26p>

Registros de biodiversidad informados por Pescas de Investigación de la Subsecretaría de Pesca y Acuicultura. *Published by Subsecretaría de Pesca y Acuicultura*

<https://doi.org/10.15468/9hrmv6>

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

Newest publishers from Chile

Museo Histórico de Placilla

South American Mycorrhizal Research Network

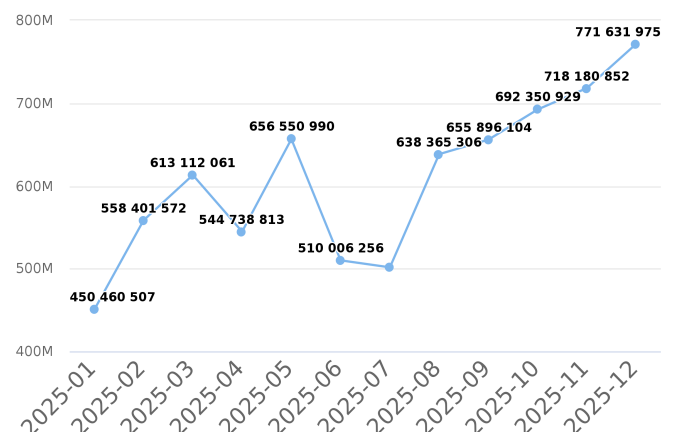
Fundación Rewilding Chile

ARAUCO

MUSEO DE HISTORIA NATURAL DE CONCEPCIÓN

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

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

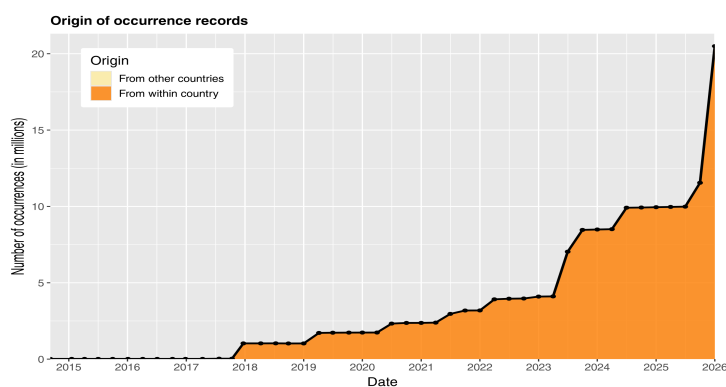


Number of occurrence records downloaded via
GBIF.org published by institutions in Chile

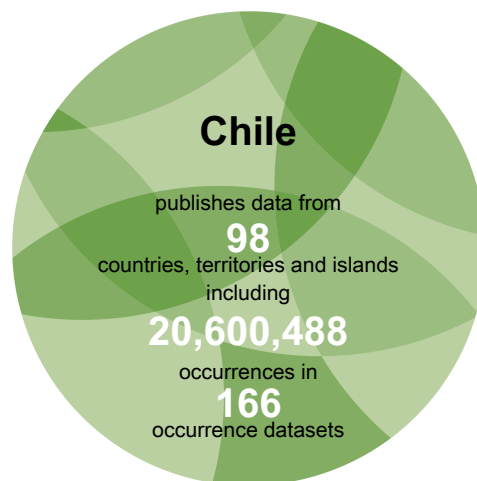


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Chile

Rank	Country or area	No. of occurrences
1	Chile	20,565,183
2	United States of America	663,041
3	United Kingdom	236,075
4	Germany	227,947
5	International organization or unknown country	45,195
6	Australia	41,337
7	Estonia	40,091
8	France	40,012
9	Argentina	38,715
10	Netherlands	27,558

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

Top datasets contributing data about Chile

EOD – eBird Observation Dataset. 7,440,431 occurrences in Chile. (Last updated 29 Oct 2025)

Biodiversidad asociada a principales pesquerías de recursos demersales del Programa Asesoría Integral para la Toma de Decisiones en Pesca y Acuicultura, Subsecretaría de Pesca y Acuicultura. 3,741,404 occurrences in Chile. (Last updated 22 Dec 2025)

Base de datos biogeográfica del Fondo de Investigación Pesquera y de Acuicultura, Subsecretaría de Pesca y Acuicultura. 3,551,040 occurrences in Chile. (Last updated 22 Dec 2025)

Biodiversidad asociada a principales pesquerías de recursos pelágicos del Programa Asesoría Integral para la Toma de Decisiones en Pesca y Acuicultura, Subsecretaría de Pesca y Acuicultura. 3,264,424 occurrences in Chile. (Last updated 22 Dec 2025)

Biodiversidad asociada a las principales pesquerías de crustáceos del programa Asesoría Integral para la Toma de Decisiones en Pesca y Acuicultura, Subsecretaría de Pesca y Acuicultura. 777,301 occurrences in Chile. (Last updated 22 Dec 2025)



Chile participates in the following projects coordinated by GBIF

Establishing a national node for Chile to enhance Latin America regional capacity

Capacity Enhancement Support Programme, 2017–2018

This project will promote and encourage biodiversity data sharing in Chile while distributing specialized knowledge on managing biological data and improving its quality, access and use across Latin America.

<https://www.gbif.org/project/83351>

Data use for decision-making workshop: an Iberoamerican community call

Capacity Enhancement Support Programme, 2019–2020

<https://www.gbif.org/project/4dnLglg7lh9HekXEIkuG6A>

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>

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>

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