

generated January 2025

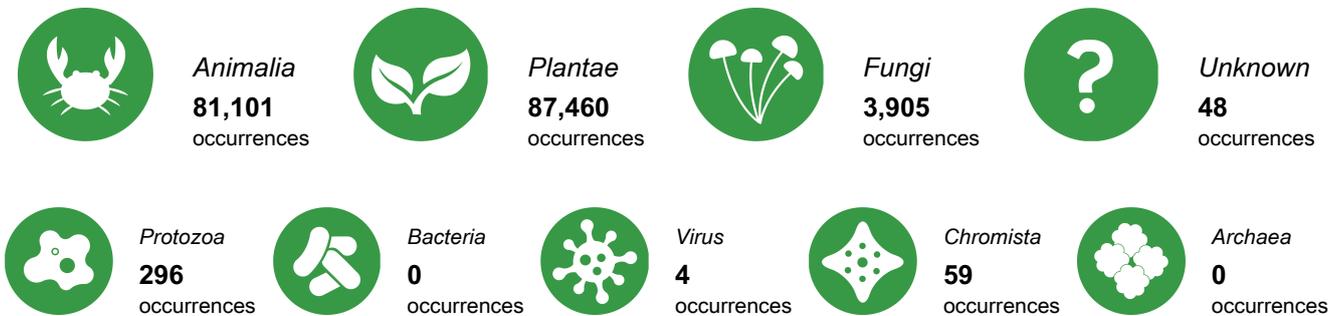
Andorra

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 Andorra. 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.

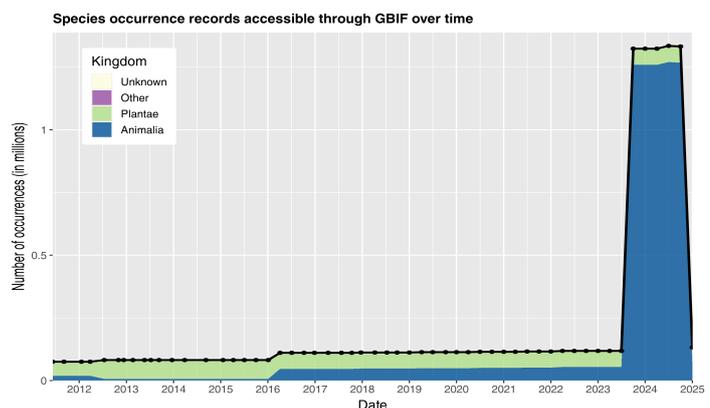
► Access and usage



► Data availability in Andorra



► Data mobilization

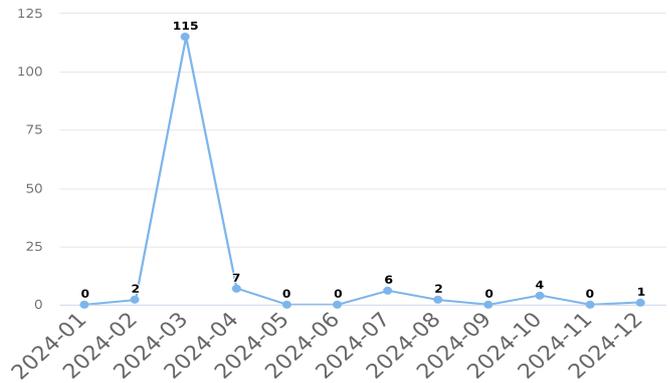
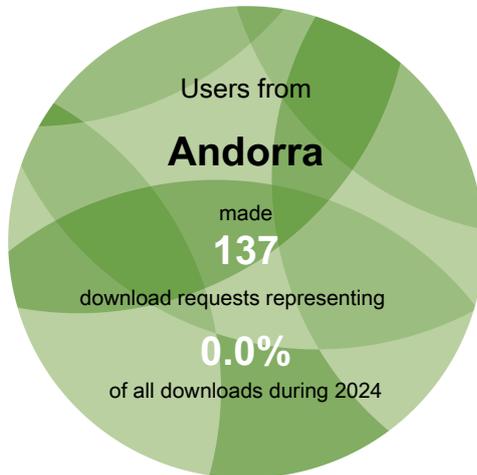


Number of records published by institutions in Andorra, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Andorra



Monthly downloads requested by users in Andorra

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

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 Andorra.

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

Xu, Guo, Serra-Diaz *et al.* (2023) Global beta-diversity of angiosperm trees is shaped by Quaternary climate change. *Science Advances*.

<https://doi.org/10.1126/sciadv.add8553>

Guo, Serra-Diaz, Schrodt *et al.* (2022) High exposure of global tree diversity to human pressure. *Proceedings of the National Academy of Sciences*.

<https://doi.org/10.1073/pnas.2026733119>

Stefanescu, Colom, Barea-Azcón *et al.* (2022) Larval parasitism in a specialist herbivore is explained by phenological synchrony and host plant availability. *Journal of Animal Ecology*.

<https://doi.org/10.1111/1365-2656.13689>

Soultan, Pavón-Jordán, Bradter *et al.* (2022) The future distribution of wetland birds breeding in Europe validated against observed changes in distribution. *Environmental Research Letters*.

<https://doi.org/10.1088/1748-9326/ac4ebe>

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



Data availability

Total data available for selected taxonomic groups in Andorra



Mammals
14,825
occurrences



Birds
44,199
occurrences



Bony fish
67
occurrences



Amphibians
629
occurrences



Insects
19,046
occurrences



Reptiles
677
occurrences



Molluscs
1,185
occurrences



Arachnids
122
occurrences



Flowering plants
82,415
occurrences



Ferns
1,520
occurrences



Gymnosperms
606
occurrences



Mosses
2,411
occurrences



Sac fungi
1,709
occurrences



Basidiomycota
2,165
occurrences

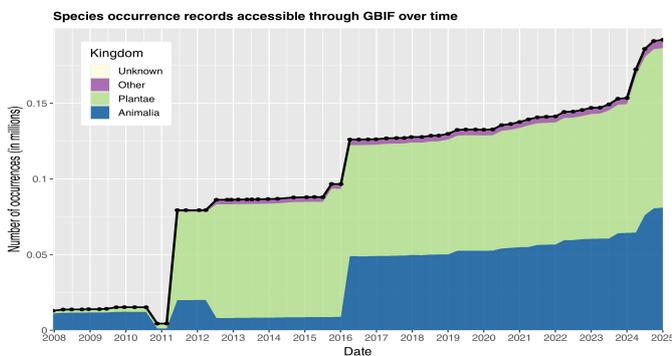
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

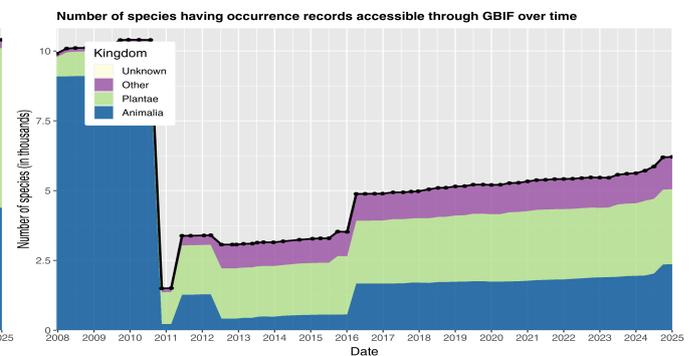
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Andorra



Occurrence records available about species occurring in Andorra



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

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 Andorra

Mosquito Occurrences in the UK - Review of Literature. *Published by One Health VBD Hub*
<https://doi.org/10.15468/jrpmxs>

Data collected on citizen science web portal www.ornitho.ad. *Published by Andorra Recerca + Innovació*
<https://doi.org/10.15468/e5gvat>

Flora d'Andorra. *Published by Centre d'estudis de la neu i de la muntanya d'Andorra (CENMA), Institut d'Estudis Andorrans*
<https://doi.org/10.15468/pidttc>

Vertebrats d'Andorra. *Published by Centre d'estudis de la neu i de la muntanya d'Andorra (CENMA), Institut d'Estudis Andorrans*
<https://doi.org/10.15468/9czi29>

Fongs d'Andorra. *Published by Centre d'estudis de la neu i de la muntanya d'Andorra (CENMA), Institut d'Estudis Andorrans*
<https://doi.org/10.15468/4hfdge>

Artròpodes d'Andorra. *Published by Centre d'estudis de la neu i de la muntanya d'Andorra (CENMA), Institut d'Estudis Andorrans*
<https://doi.org/10.15468/d9uwhe>

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

Newest publishers from Andorra

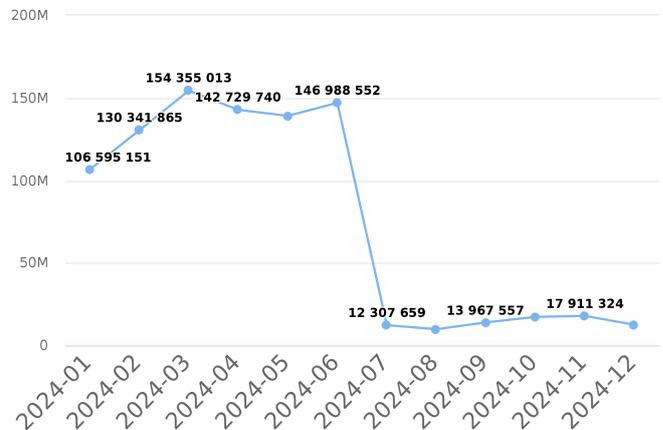
One Health VBD Hub

Andorra Recerca + Innovació

Centre d'estudis de la neu i de la muntanya d'Andorra (CENMA), Institut d'Estudis Andorrans

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

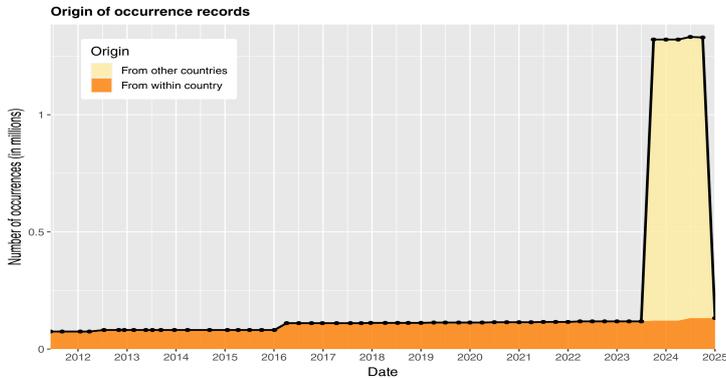
Occurrence records downloaded from GBIF.org, published by institutions in Andorra



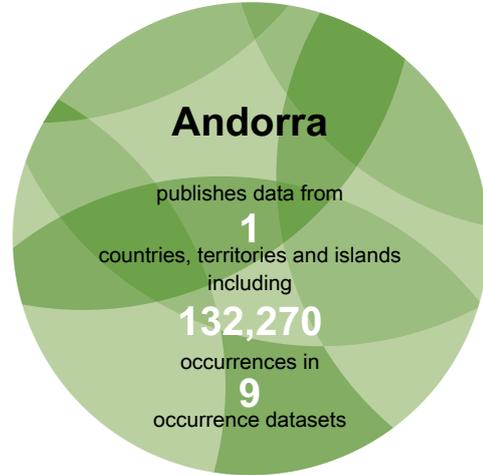
Number of occurrence records downloaded via GBIF.org published by institutions in Andorra

Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Andorra

Rank	Country or area	No. of occurrences
1	Andorra	132,270
2	Spain	20,446
3	Netherlands	6,997
4	United States of America	3,630
5	France	3,313
6	Belgium	2,759
7	United Kingdom	661
8	Sweden	620
9	China	512
10	Germany	506

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

Top datasets contributing data about Andorra

Flora d'Andorra. *60,202 occurrences in Andorra.* (Last updated 30 Aug 2016)

Vertebrats d'Andorra. *36,836 occurrences in Andorra.* (Last updated 30 Aug 2016)

EOD – eBird Observation Dataset. *13,704 occurrences in Andorra.* (Last updated 27 Sep 2024)

Artròpodes d'Andorra. *8,857 occurrences in Andorra.* (Last updated 30 Aug 2016)

Data collected on citizen science web portal www.ornitho.ad. *7,847 occurrences in Andorra.* (Last updated 14 Jun 2024)

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