



generated January 2025

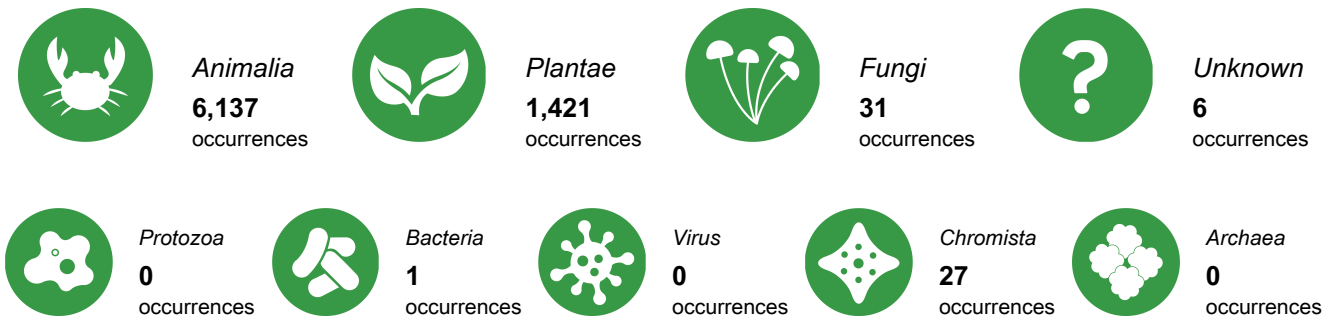
## Monaco

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 Monaco. 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.

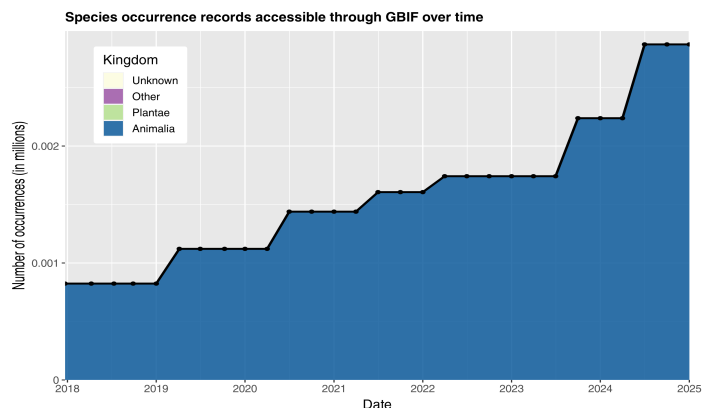
### ► Access and usage



### ► Data availability in Monaco



### ► Data mobilization

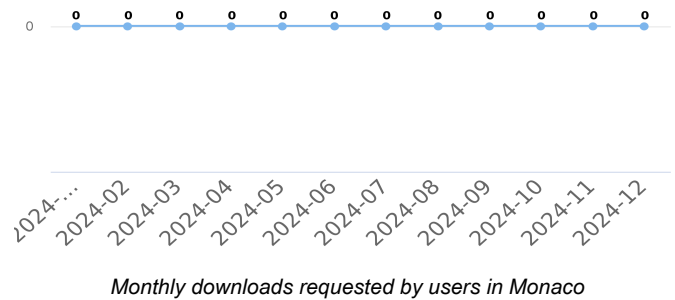
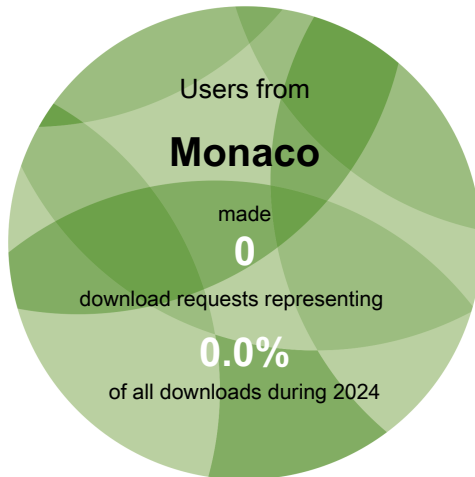


Number of records published by institutions in Monaco, categorized by kingdom



## Access and usage

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



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

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 Monaco.

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).

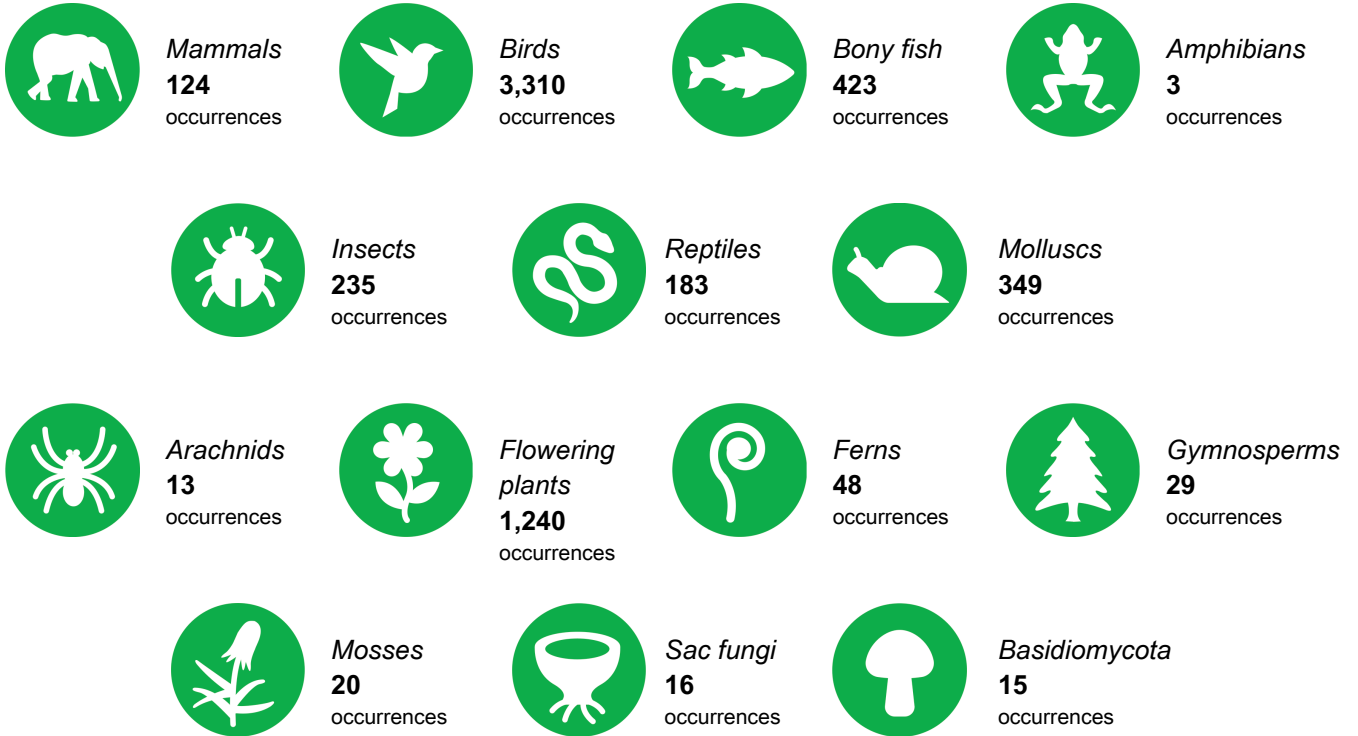
Lamine, Schickele, Guidetti *et al.* (2023) Redistribution of fisheries catch potential in Mediterranean and North European waters under climate change scenarios. *Science of The Total Environment*.  
<https://doi.org/10.1016/j.scitotenv.2023.163055>

Ben Lamine, Schickele, Goberville *et al.* (2022) Expected contraction in the distribution ranges of demersal fish of high economic value in the Mediterranean and European Seas. *Scientific Reports*.  
<https://doi.org/10.1038/s41598-022-14151-8>

See all research from this country or area  
[gbif.org/country/MC/publications/from](https://gbif.org/country/MC/publications/from)

## Data availability

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



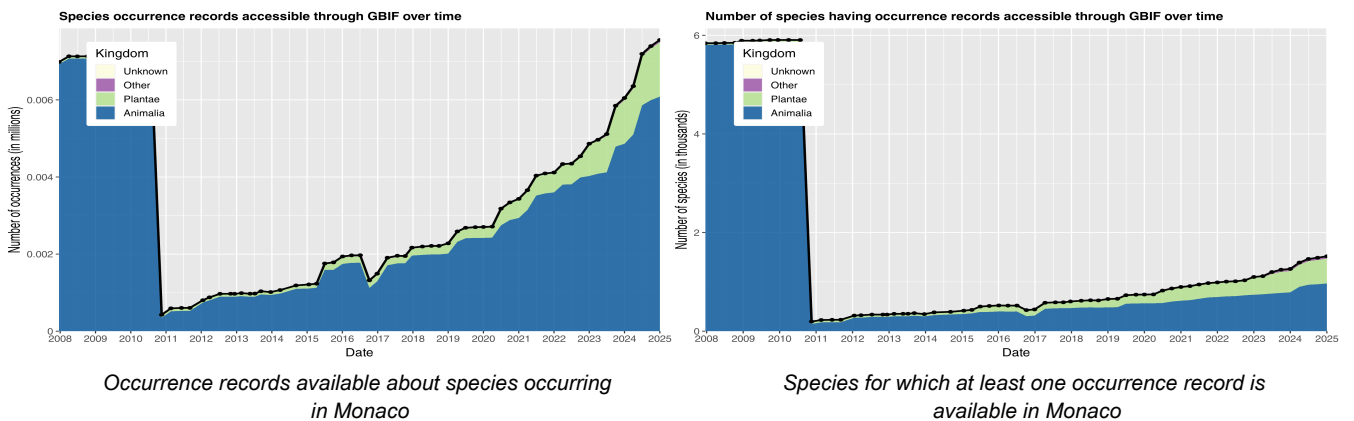
Mammals = Class *Mammalia*  
 Birds = Class *Aves*  
 Bony fish = Superclass *Osteichthyes* p.p.  
 Amphibians = Class *Amphibia*

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 Monaco



#### 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.

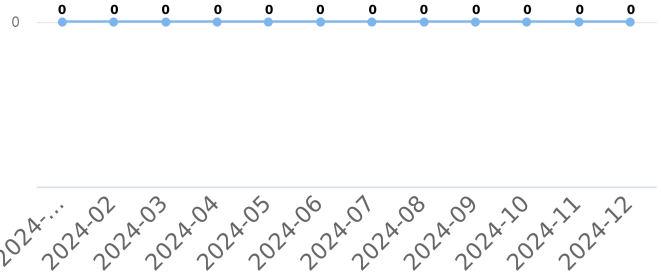
**SPECIES COUNTS** represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



### Newest publishers from Monaco

No data available

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

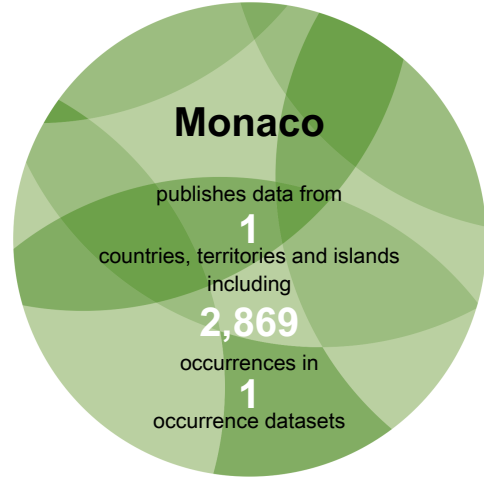
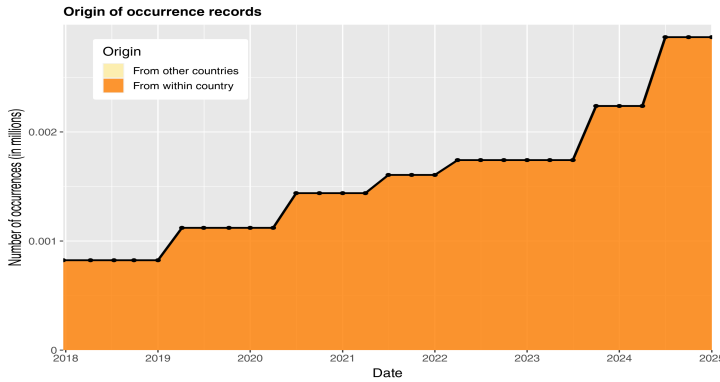


See all publishers from this country or area  
[gbif.org/publisher/search?country=MC](https://gbif.org/publisher/search?country=MC)

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

## Data mobilization

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



Data sharing with country or area of origin

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

### Top data contributors about biodiversity in Monaco

Rank	Country or area	No. of occurrences
1	Monaco	2,869
2	United States of America	1,436
3	Netherlands	1,157
4	France	717
5	Belgium	683
6	Germany	161
7	United Kingdom	101
8	Poland	101
9	Sweden	97
10	Norway	51

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

### Top datasets contributing data about Monaco

- EOD – eBird Observation Dataset. 2,869 occurrences in Monaco. (Last updated 27 Sep 2024)
- iNaturalist Research-grade Observations. 1,194 occurrences in Monaco. (Last updated 30 Dec 2024)
- Naturalis Biodiversity Center (NL) - Crustacea. 572 occurrences in Monaco. (Last updated 13 Dec 2024)
- Observation.org, Nature data from around the World. 386 occurrences in Monaco. (Last updated 3 Jan 2025)
- PI@ntNet automatically identified occurrences. 296 occurrences in Monaco. (Last updated 8 Feb 2023)

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