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
Researchers from Monaco contributed to 1 peer-reviewed articles citing GBIF use during 2023 and a total of 2 articles since 2008.

▶ Data availability in Monaco
- Animalia: 4,919 occurrences
- Plantae: 1,151 occurrences
- Fungi: 26 occurrences
- Unknown: 4 occurrences
- Protozoa: 0 occurrences
- Bacteria: 1 occurrence
- Virus: 0 occurrences
- Chromista: 23 occurrences
- Archaea: 0 occurrences

▶ Data mobilization
Institutions from Monaco published 496 new occurrence records during 2023 out of a total of 355,993,458 occurrence records added globally to GBIF.org.
Access and usage

Data downloads on GBIF.org from users in Monaco

Users from Monaco made 0 download requests representing 0.0% of all downloads during 2023.

Monthly downloads requested by 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.


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
Data availability
Total data available for selected taxonomic groups in Monaco

- **Mammals**: 123 occurrences
- **Birds**: 2,550 occurrences
- **Bony fish**: 299 occurrences
- **Amphibians**: 3 occurrences
- **Insects**: 112 occurrences
- **Reptiles**: 142 occurrences
- **Molluscs**: 313 occurrences
- **Arachnids**: 9 occurrences
- **Flowering plants**: 1,010 occurrences
- **Ferns**: 29 occurrences
- **Gymnosperms**: 28 occurrences
- **Mosses**: 16 occurrences
- **Sac fungi**: 13 occurrences
- **Basidiomycota**: 13 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  
**Mosses** = Phylum Bryophyta  
**Sac fungi** = Phylum Ascomycota  
**Basidiomycota** = Phylum Basidiomycota

Change over time in records about biodiversity in Monaco

Occurrence records available about species occurring in Monaco

Species occurrence records accessible through GBIF over time

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

Number of species having occurrence records accessible through GBIF over time

**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

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

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.

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Top data contributors about biodiversity in Monaco

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
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</tbody>
</table>

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

Top datasets contributing data about Monaco

- EOD – eBird Observation Dataset. 2,238 occurrences in Monaco. (Last updated 20 Aug 2023)
- iNaturalist Research-grade Observations. 784 occurrences in Monaco. (Last updated 2 Jan 2024)
- Naturalis Biodiversity Center (NL) - Crustacea. 572 occurrences in Monaco. (Last updated 14 Dec 2023)
- Observation.org, Nature data from around the World. 309 occurrences in Monaco. (Last updated 12 Dec 2023)
- Pl@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