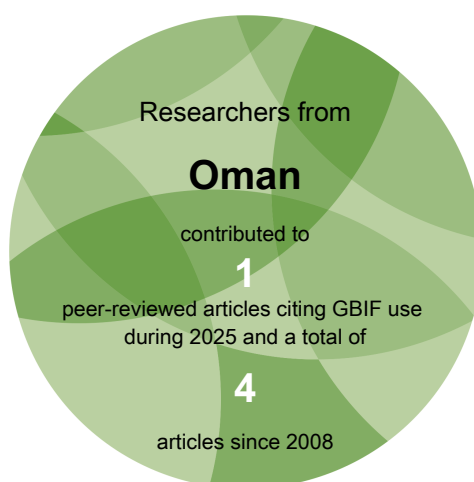


generated January 2026

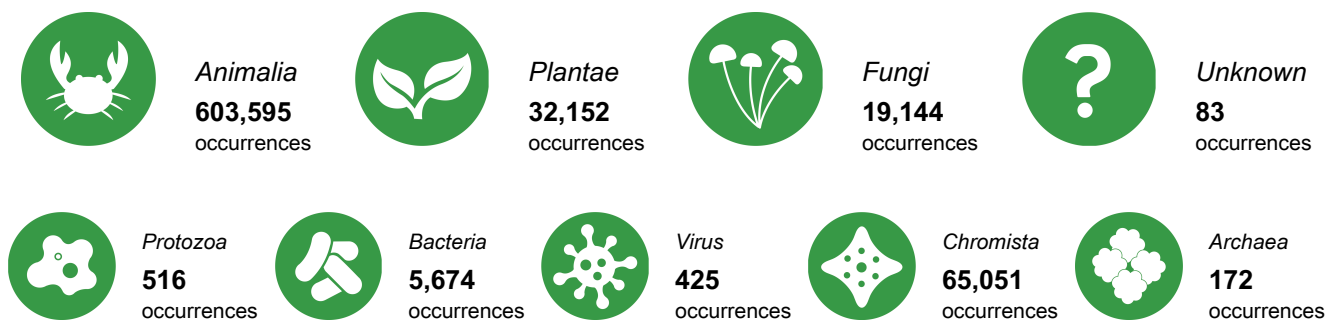
Oman

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 Oman. 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.

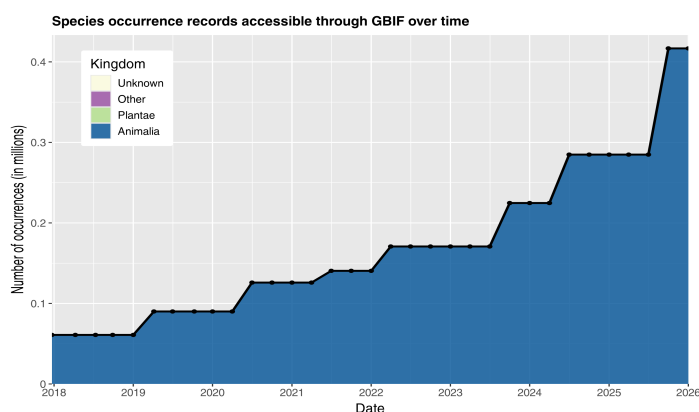
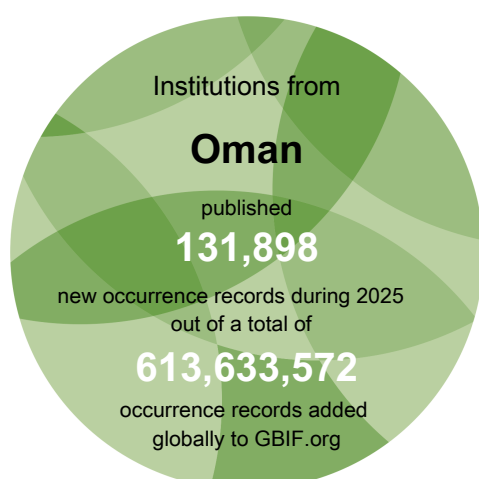
► Access and usage



► Data availability in Oman



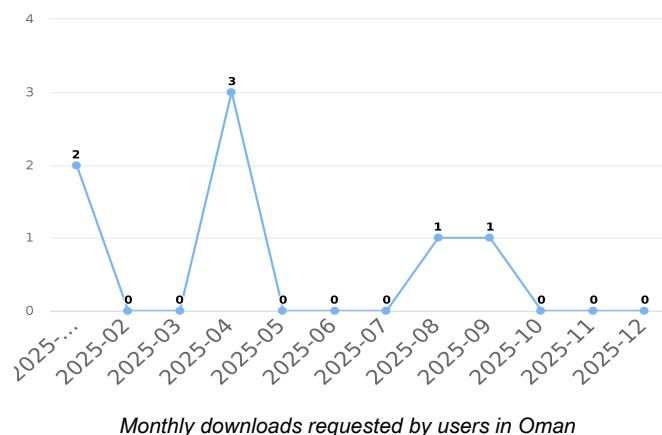
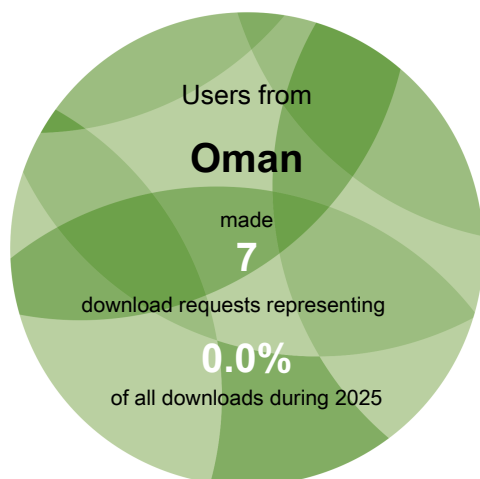
► Data mobilization



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

Access and usage

Data downloads on GBIF.org from users in Oman



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

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 Oman.

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

Johnson, Said, Vahalík *et al.* (2025) Rapid conservation assessment of *Boswellia sacra* in Oman reveals complex threat and population patterns. *Journal of Arid Environments*.
<https://doi.org/10.1016/j.jaridenv.2025.105368>

Al Adhoobi, Al Jufaili, Al Ruheili. (2023) Predicting habitat distributions for the endemic fish *Garra shamal* (Teleostei: Cyprinidae) in the Omani Hajar Mountain under present and future climate change *Journal of Survey in Fisheries Sciences*.
<https://doi.org/10.53555/sfs.v10i1.1598>

Al Ruheili, Al Sariri, Al Subhi. (2022) Predicting the potential habitat distribution of parthenium weed (*Parthenium hysterophorus*) globally and in Oman under projected climate change. *Journal of the Saudi Society of Agricultural Sciences*.
<https://doi.org/10.1016/j.jssas.2021.12.004>

van Kleunen, Dawson, Essl *et al.* (2015) Global exchange and accumulation of non-native plants. *Nature*.
<https://doi.org/10.1038/nature14910>

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



Data availability

Total data available for selected taxonomic groups in Oman



Mammals
1,860
occurrences



Birds
523,686
occurrences



Bony fish
8,136
occurrences



Amphibians
264
occurrences



Insects
15,993
occurrences



Reptiles
7,430
occurrences



Molluscs
19,419
occurrences



Arachnids
1,955
occurrences



Flowering plants
28,018
occurrences



Ferns
319
occurrences



Gymnosperms
129
occurrences



Mosses
467
occurrences



Sac fungi
13,921
occurrences



Basidiomycota
2,112
occurrences

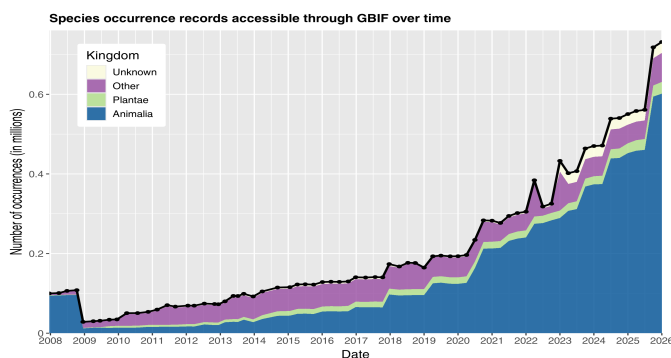
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

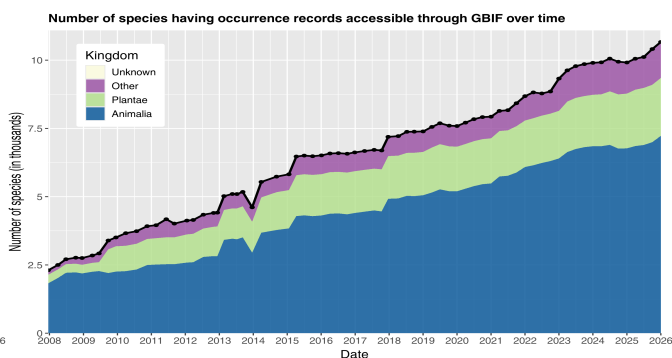
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Oman



Occurrence records available about species occurring in Oman



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

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 Oman

Mammals of Oman. *Published by Environment Authority*
<https://doi.org/10.15468/94quqa>

Flora Checklist of Oman. *Published by Environment Authority*
<https://doi.org/10.15468/ra5ne7>

Reptiles List of Oman. *Published by Environment Authority*
<https://doi.org/10.15468/hyhbtr>

Oman Arthropods. *Published by Environment Authority*
<https://doi.org/10.15468/djbbq9>

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

Newest publishers from Oman

Environment Authority

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



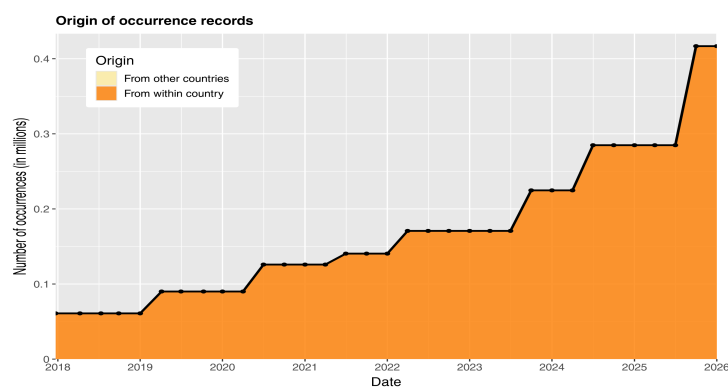
See all publishers from this country or area
gbif.org/publisher/search?country=OM

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

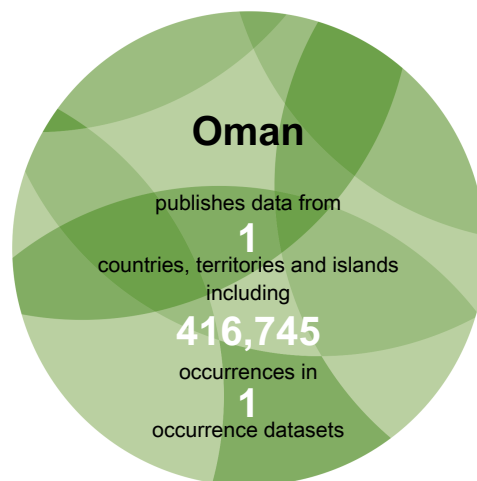


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Oman

Rank	Country or area	No. of occurrences
1	Oman	416,745
2	Netherlands	113,289
3	United States of America	52,682
4	Germany	47,226
5	Estonia	31,025
6	United Kingdom	28,555
7	Belgium	24,251
8	International organization or unknown country	4,570
9	France	2,477
10	Australia	2,272

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

Top datasets contributing data about Oman

EOD – eBird Observation Dataset. 416,745 occurrences in Oman. (Last updated 29 Oct 2025)

Observation.org, Nature data from around the World. 98,353 occurrences in Oman. (Last updated 16 Dec 2025)

Global soil organisms. 29,744 occurrences in Oman. (Last updated 27 Feb 2023)

iNaturalist Research-grade Observations. 17,794 occurrences in Oman. (Last updated 31 Dec 2025)

UF Invertebrate Zoology. 16,418 occurrences in Oman. (Last updated 5 Jan 2026)

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