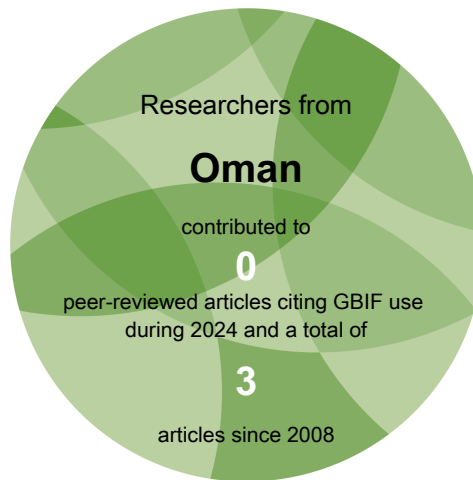


generated January 2025

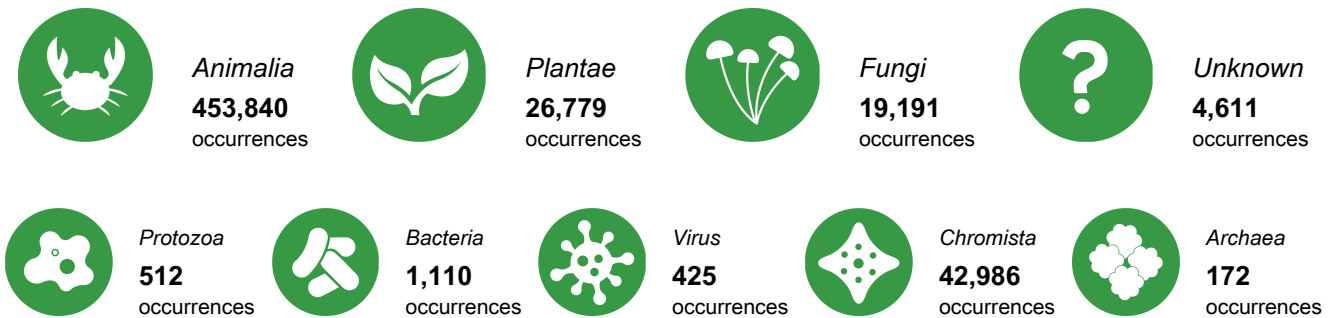
Oman

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.

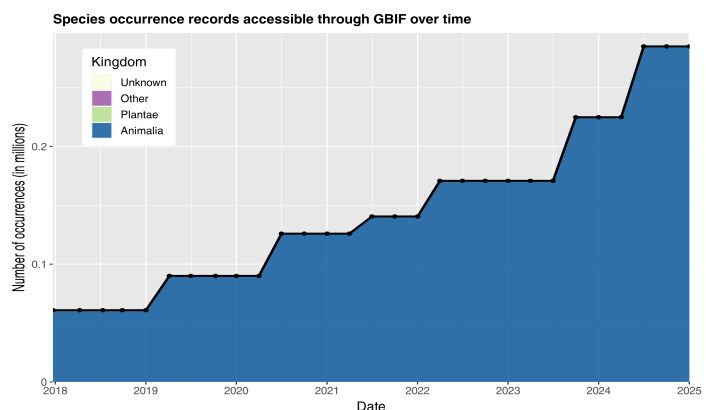
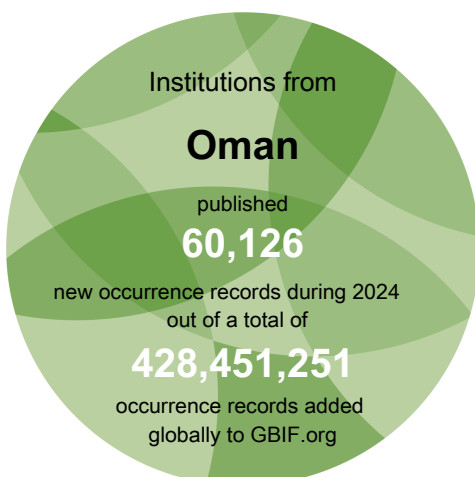
► Access and usage



► Data availability in Oman



► Data mobilization

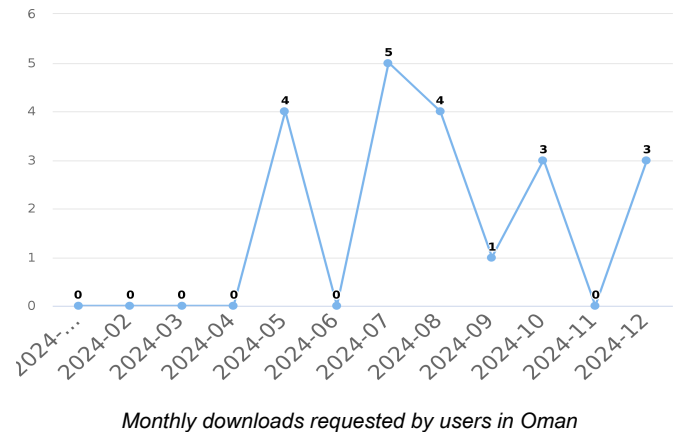
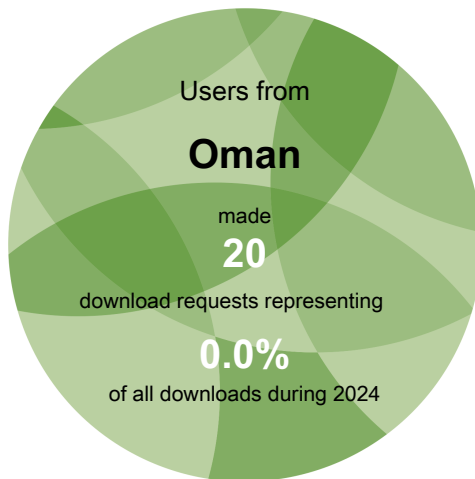


Number of records published by institutions in Oman, categorized by kingdom



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.

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
1,552
occurrences



Birds
382,832
occurrences



Bony fish
7,359
occurrences



Amphibians
234
occurrences



Insects
12,577
occurrences



Reptiles
6,749
occurrences



Molluscs
18,319
occurrences



Arachnids
1,585
occurrences



Flowering plants
22,804
occurrences



Ferns
205
occurrences



Gymnosperms
104
occurrences



Mosses
466
occurrences



Sac fungi
13,959
occurrences



Basidiomycota
2,091
occurrences

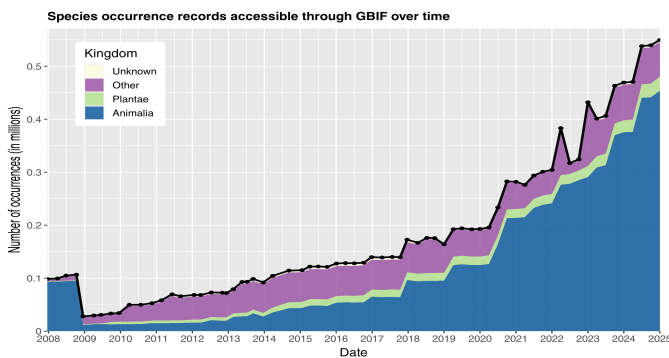
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

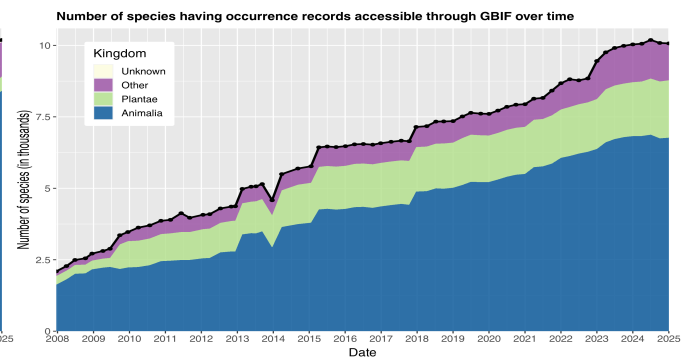
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

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

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

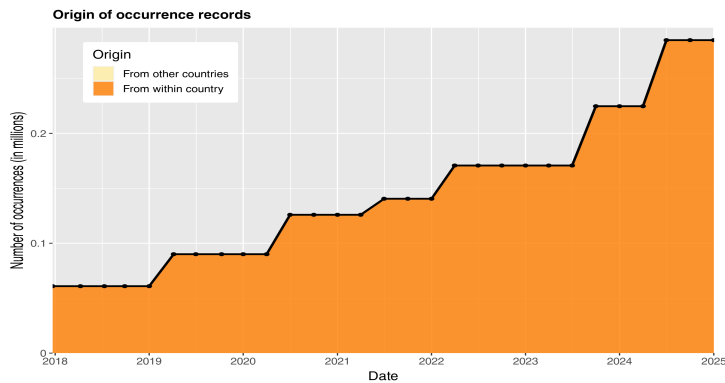


Number of occurrence records downloaded via GBIF.org published by institutions in Oman

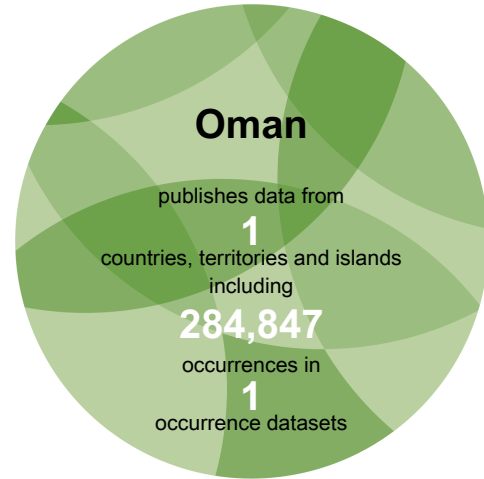


Data mobilization

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	284,847
2	Netherlands	105,757
3	United States of America	43,891
4	Germany	42,227
5	Estonia	30,998
6	United Kingdom	25,945
7	International organization or unknown country	3,456
8	France	2,293
9	Australia	2,087
10	Belgium	1,612

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

Top datasets contributing data about Oman

EOD – eBird Observation Dataset. 284,847 occurrences in Oman. (Last updated 27 Sep 2024)

Observation.org, Nature data from around the World. 91,430 occurrences in Oman. (Last updated 3 Jan 2025)

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

UF Invertebrate Zoology. 16,182 occurrences in Oman. (Last updated 6 Jan 2025)

Neptune Deep-Sea Microfossil Occurrence Database. 13,074 occurrences in Oman. (Last updated 18 Aug 2016)

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