

generated January 2025

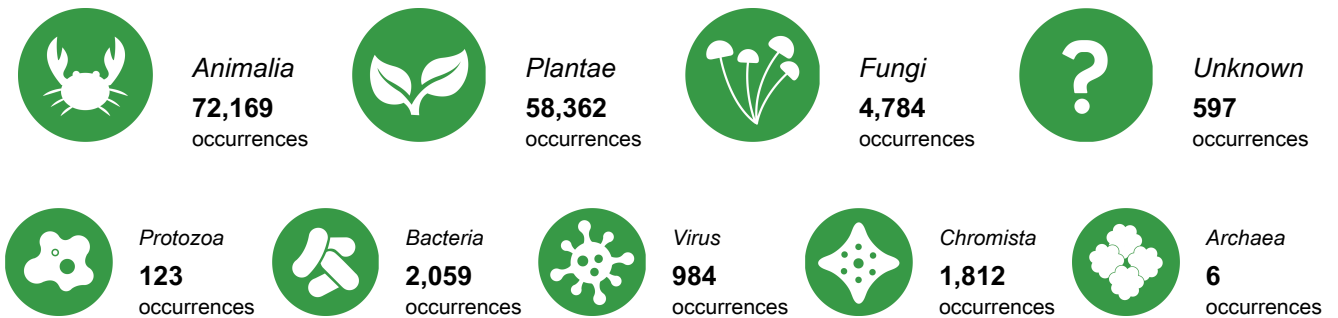
Iraq

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 Iraq. 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.

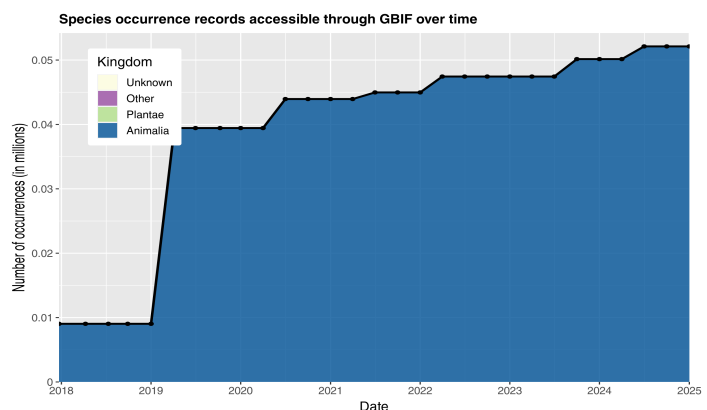
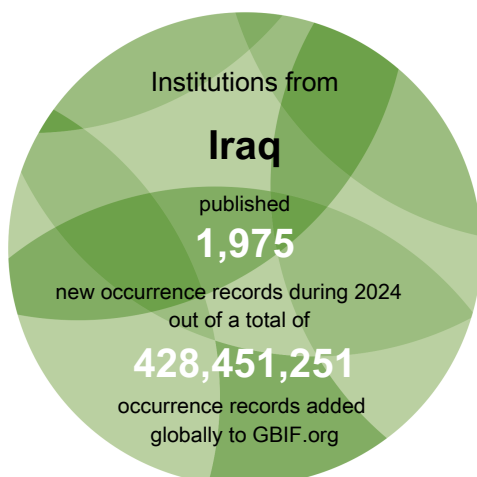
► Access and usage



► Data availability in Iraq



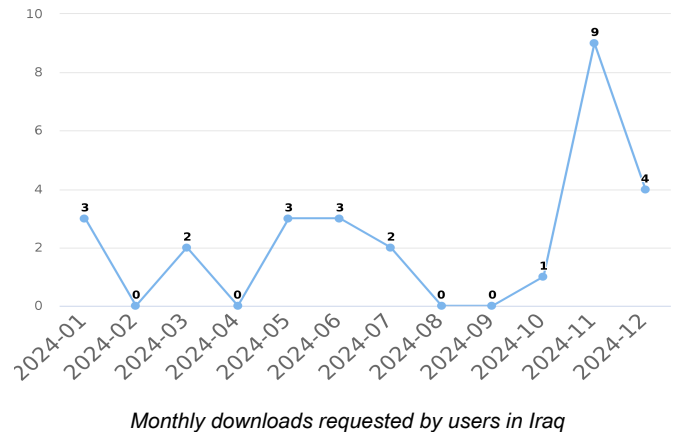
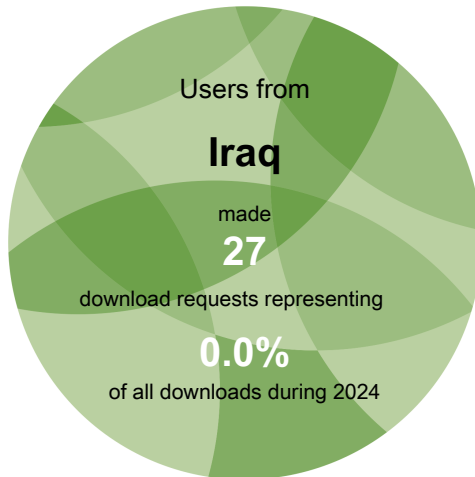
► Data mobilization



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

Access and usage

Data downloads on GBIF.org from users in Iraq



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

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 Iraq.

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

Khadka, Baral, Pieroni *et al.* (2024) Ecology, ethnobotany, distribution, conservation and potential use of *Prunus napaulensis* (Ser.) Steud. in Nepal. *Genetic Resources and Crop Evolution*.

<https://doi.org/10.1007/s10722-024-02187-w>

Mirhashemi, Ahmadi, Heydari *et al.* (2024) Climatic variables are more effective on the spatial distribution of oak forests than land use change across their historical range. *Environmental Monitoring and Assessment*.

<https://doi.org/10.1007/s10661-024-12438-z>

Kaky, Nolan, Khalil *et al.* (2022) Conservation of the Goitered gazelle (*Gazella subgutturosa*) under climate changes in Iraq. *Heliyon*.

<https://doi.org/10.1016/j.heliyon.2022.e12501>

Ebrahimi, Ranjbaran, Sayahnia *et al.* (2022) Assessing the climate change effects on the distribution pattern of the Azerbaijan Mountain Newt (*Neurergus crocatus*). *Ecological Complexity*.

<https://doi.org/10.1016/j.ecocom.2022.100997>

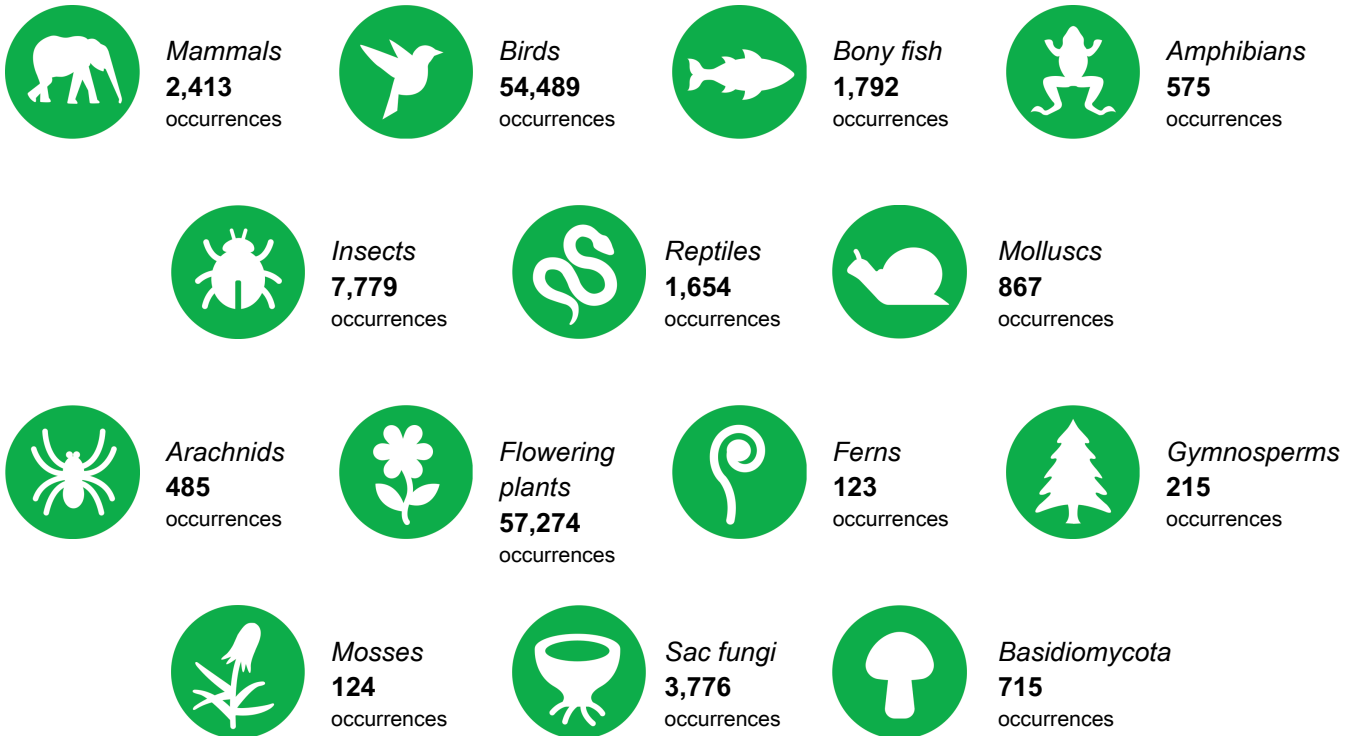
Khwarahm. (2020) Mapping current and potential future distributions of the oak tree (*Quercus aegilops*) in the Kurdistan Region, Iraq. *Ecological Processes*.

<https://doi.org/10.1186/s13717-020-00259-0>

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

Data availability

Total data available for selected taxonomic groups in Iraq



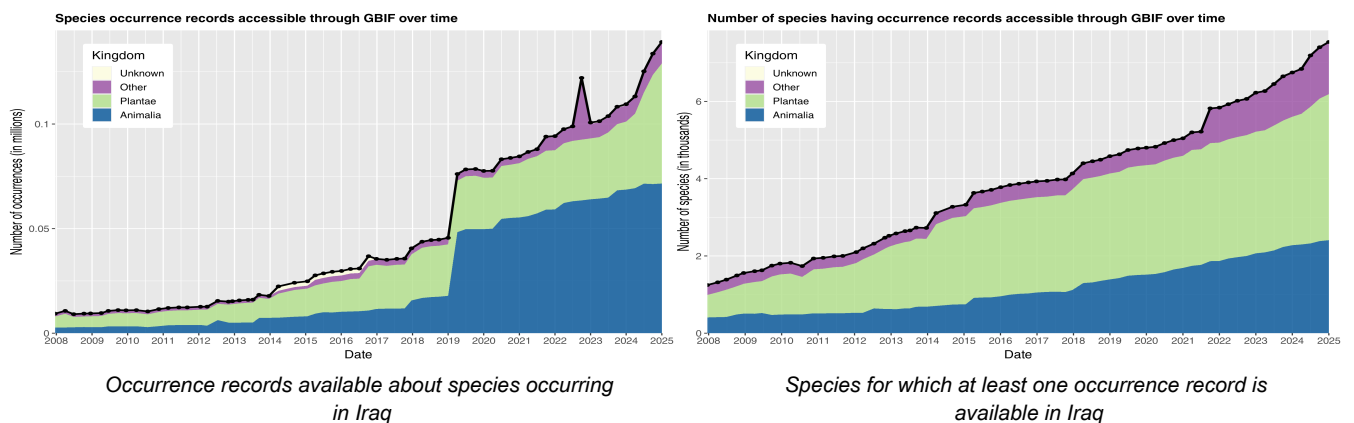
Mammals = Class *Mammalia*
 Birds = Class *Aves*
 Bony fish = Superclass
Osteichthyes p.p.
 Amphibians = Class *Amphibia*

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 Iraq



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.

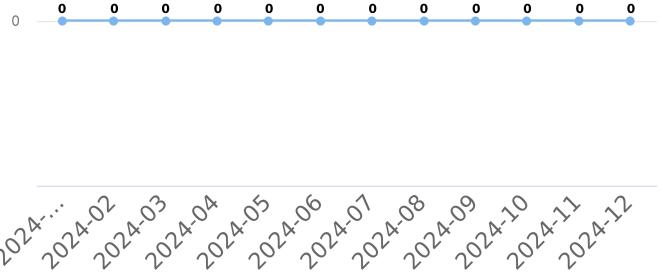
SPECIES COUNTS represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



Newest publishers from Iraq

No data available

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

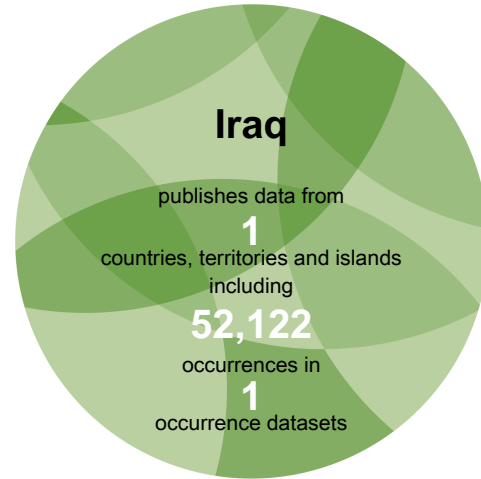
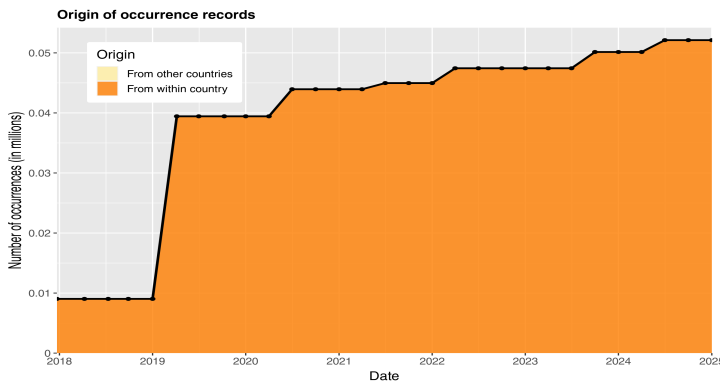


See all publishers from this country or area
gbif.org/publisher/search?country=IQ

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

Data mobilization

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



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Iraq

Rank	Country or area	No. of occurrences
1	Iraq	52,122
2	United Kingdom	45,294
3	United States of America	16,242
4	Colombia	5,681
5	International organization or unknown country	5,121
6	Germany	2,861
7	Netherlands	1,864
8	Japan	1,798
9	Slovakia	1,641
10	France	1,472

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

Top datasets contributing data about Iraq

- EOD – eBird Observation Dataset. 52,122 occurrences in Iraq. (Last updated 27 Sep 2024)
- Royal Botanic Gardens, Kew - Herbarium Specimens. 25,104 occurrences in Iraq. (Last updated 2 Jan 2025)
- A global database for the distributions of crop wild relatives. 5,672 occurrences in Iraq. (Last updated 9 Feb 2024)
- iNaturalist Research-grade Observations. 5,666 occurrences in Iraq. (Last updated 30 Dec 2024)
- Edinburgh (E) Herbarium Specimens. 5,326 occurrences in Iraq. (Last updated 31 Dec 2024)

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