GBIF Global Biodiversity Information Facility

Activity report

generated January 2025

Tunisia

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 Tunisia. 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

Tunisia

contributed to

2

peer-reviewed articles citing GBIF use during 2024 and a total of

17

articles since 2008

▸ Data availability in Tunisia

Animalia
155,839
occurrences

Plantae
59,838
occurrences

Fungi
2,316
occurrences

Unknown
2,177
occurrences

Protozoa
84
occurrences

Bacteria
30,466
occurrences

Virus
2,247
occurrences

Chromista
7,248
occurrences

Archaea
280
occurrences

▸ Data mobilization

Institutions from

Tunisia

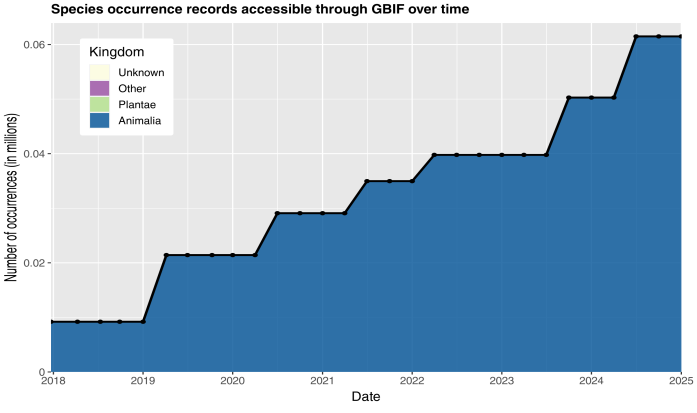
published

11,211

new occurrence records during 2024 out of a total of

428,451,251

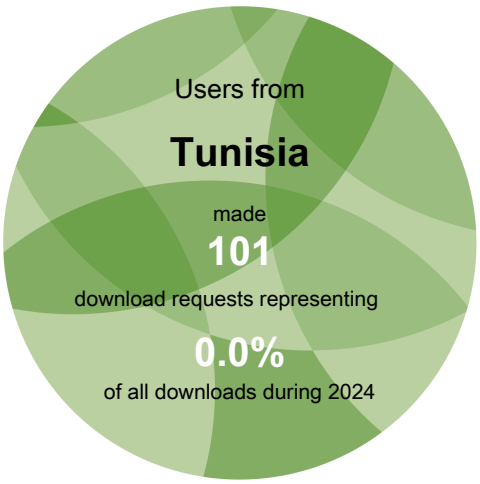
occurrence records added globally to GBIF.org

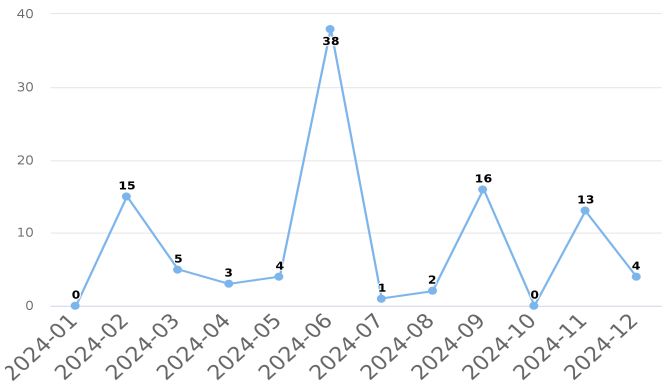


Number of records published by institutions in Tunisia, categorized by kingdom

Access and usage

Data downloads on GBIF.org from users in Tunisia





Monthly downloads requested by users in Tunisia

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

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 Tunisia.

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

Habibi, Achour, Bounaceur *et al.* (2024) Predicting the future distribution of the Barbary ground squirrel (Atlantoxerus getulus) under climate change using niche overlap analysis and species distribution modeling. *Environmental Monitoring and Assessment.* https://doi.org/10.1007/s10661-024-13350-2

Badis, Elverici, Hamdi. (2024) Climate-driven range shifts of Levaillant's Woodpecker Picus vaillantii in the Western Mediterranean. *Regional Environmental Change.* https://doi.org/10.1007/s10113-024-02185-9

Aouinti, Moutahir, Touhami *et al.* (2022) Observed and Predicted Geographic Distribution of Acer monspessulanum L. Using the MaxEnt Model in the Context of Climate Change. *Forests.* https://doi.org/10.3390/f13122049

Escoriza, Ben Hassine. (2022) Niche diversification of Mediterranean and southwestern Asian tortoises. *PeerJ.* https://doi.org/10.7717/peerj.13702

Ben-Menni Schuler, Hamza, Blanca *et al.* (2022) Phylogeographical Analyses of a Relict Fern of Palaeotropical Flora (Vandenboschia speciosa): Distribution and Diversity Model in Relation to the Geological and Climate Events of the Late Miocene and Early Pliocene. *Plants.* https://doi.org/10.3390/plants11070839

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

Data availability

Total data available for selected taxonomic groups in Tunisia

Mammals
5,533
occurrences

Birds
89,816
occurrences

Bony fish
7,179
occurrences

Amphibians
1,142
occurrences

Insects
15,049
occurrences

Reptiles
5,780
occurrences

Molluscs
17,227
occurrences

Arachnids
1,179
occurrences

Flowering plants
57,053
occurrences

Ferns
376
occurrences

Gymnosperms
489
occurrences

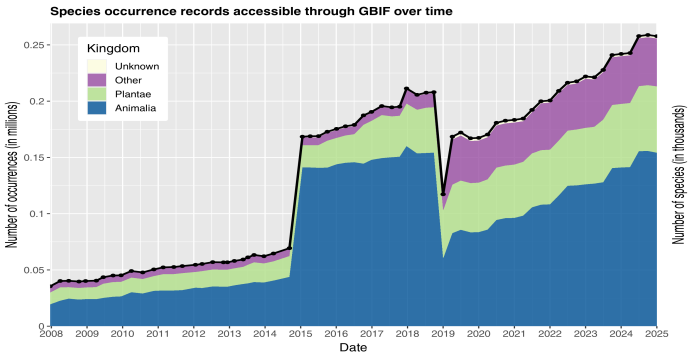
Mosses
410
occurrences

Sac fungi
1,974
occurrences

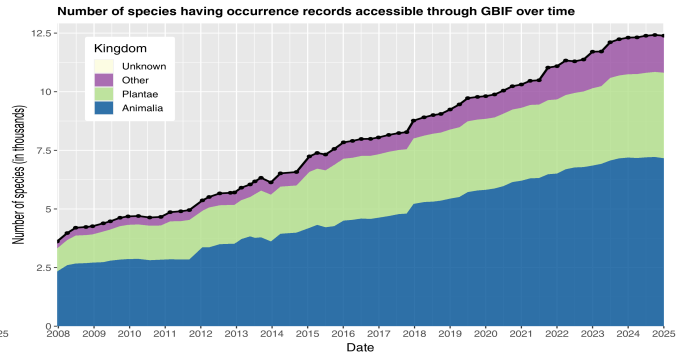
Basidiomycota
268
occurrences

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 Tunisia



Occurrence records available about species occurring in Tunisia



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

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.

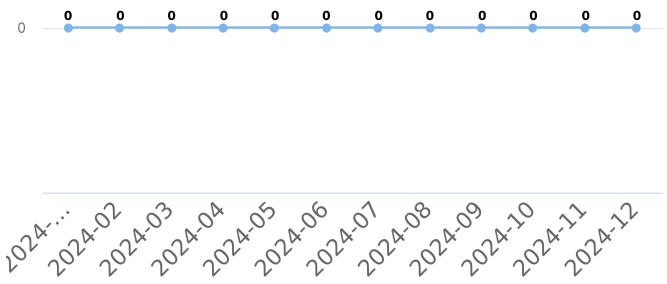
SPECIES COUNTS represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life

Newest publishers from Tunisia

No data available

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

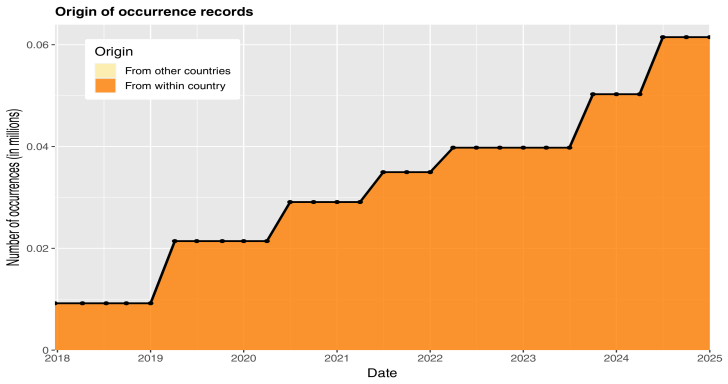
Occurrence records downloaded from GBIF.org, published by institutions in Tunisia

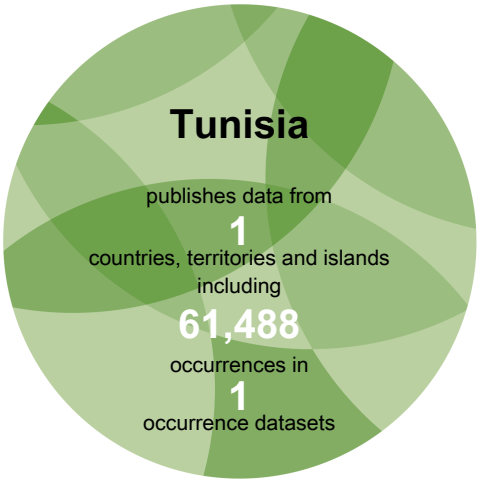


Number of occurrence records downloaded via GBIF.org published by institutions in Tunisia

Data mobilization

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





Data sharing with country or area of origin

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

Top data contributors about biodiversity in Tunisia

Rank	Country or area	No. of occurrences
1	Tunisia	61,488
2	United Kingdom	43,258
3	United States of America	35,092
4	France	17,955
5	Estonia	15,550
6	Netherlands	11,842
7	Belgium	10,868
8	Spain	10,685
9	International organization or unknown country	10,678
10	Germany	10,665

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

Top datasets contributing data about Tunisia

EOD – eBird Observation Dataset. *61,488 occurrences in Tunisia.* (Last updated 27 Sep 2024)

Mediterranean Contaminated Pelagic communities. *28,203 occurrences in Tunisia.* (Last updated 19 Feb 2020)

BirdMap Data - GPS tracking of Storks, Cranes and birds of prey, breeding in Northern and Eastern Europe. *15,245 occurrences in Tunisia.* (Last updated 16 Jul 2024)

A global database for the distributions of crop wild relatives. *9,226 occurrences in Tunisia.* (Last updated 9 Feb 2024)

Paleobiology Database. *9,047 occurrences in Tunisia.* (Last updated 23 Apr 2024)

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