

generated January 2025

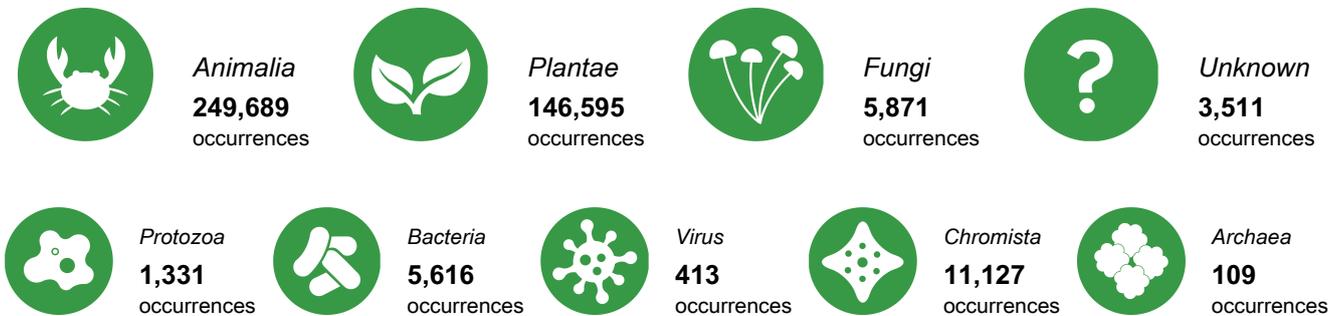
Algeria

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 Algeria. 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.

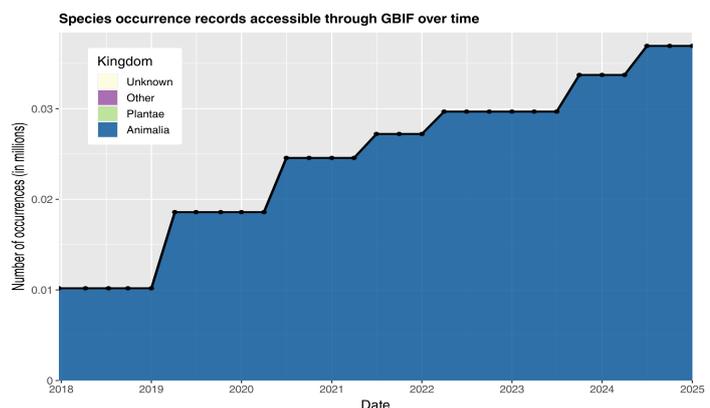
► Access and usage



► Data availability in Algeria



► Data mobilization

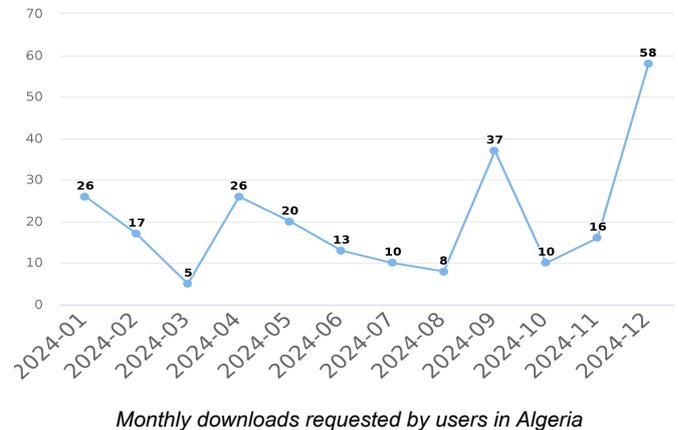
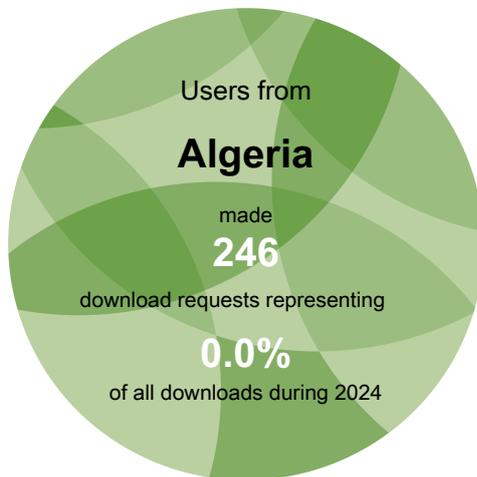


Number of records published by institutions in Algeria, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Algeria



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

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 Algeria.

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

Aloui, Neffar, Chenchouni. (2024) Using ensemble modeling to predict the current distribution of *Pistacia atlantica* Desf. in Algeria. *The Science of Nature*.
<https://doi.org/10.1007/s00114-024-01951-3>

Zerrouki, Mokadem, Nedjimi *et al.* (2024) The Role Of Cucurbitaceae Family" Pumpkin" Seed Aqueous Extract In The Synthesis Of Zinc Oxide Nanoparticles And Their Potential Applications As Antimicrobial *Nanotechnology Perceptions*.
<https://doi.org/10.62441/nano-ntp.vi.2706>

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>

Laala, Adimi. (2024) Modeling the potential distribution and shift of an Algerian endangered endemic species (*Cedrus atlantica*) under climate change scenarios: Implications for conservation. *Journal for Nature Conservation*.
<https://doi.org/10.1016/j.jnc.2024.126744>

Bensahraoui, Benamor, Bounaceur. (2024) Conservation priority of the vulnerable *Gazella cuvieri* (Mammalia: Bovidae) in Northwestern Algeria: Insight from ecological niche modelling and geographical analysis.

Ecological Frontiers.

<https://doi.org/10.1016/j.ecofro.2024.07.002>

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



Data availability

Total data available for selected taxonomic groups in Algeria



Mammals
8,224
occurrences



Birds
156,713
occurrences



Bony fish
9,900
occurrences



Amphibians
1,733
occurrences



Insects
25,078
occurrences



Reptiles
6,584
occurrences



Molluscs
23,280
occurrences



Arachnids
4,457
occurrences



Flowering plants
138,443
occurrences



Ferns
1,298
occurrences



Gymnosperms
1,503
occurrences



Mosses
1,477
occurrences



Sac fungi
3,818
occurrences



Basidiomycota
1,840
occurrences

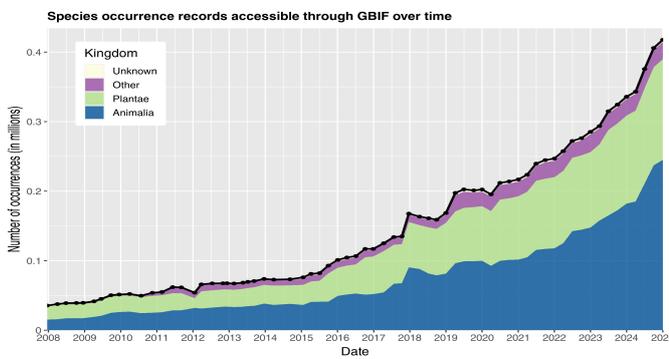
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

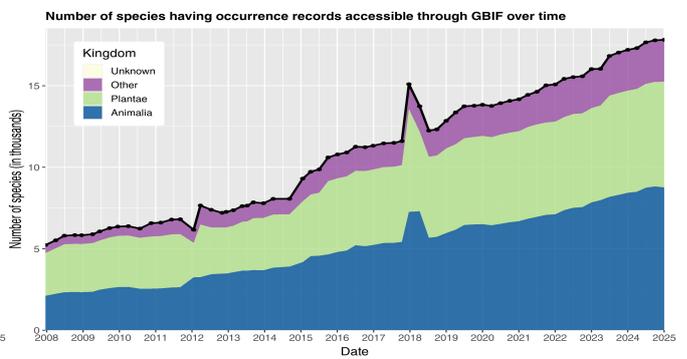
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Algeria



Occurrence records available about species occurring in Algeria



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

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.

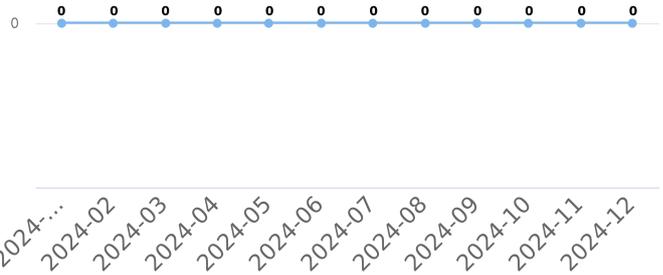
SPECIES COUNTS represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



Newest publishers from Algeria

No data available

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

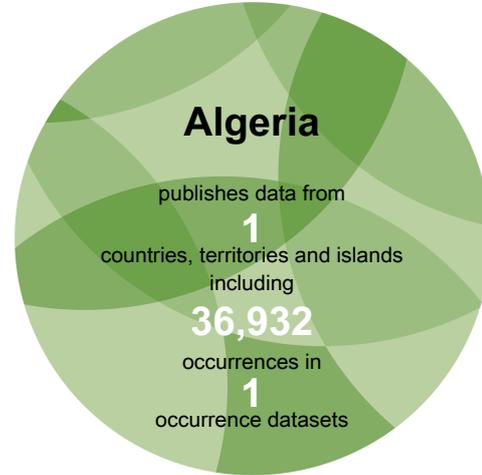
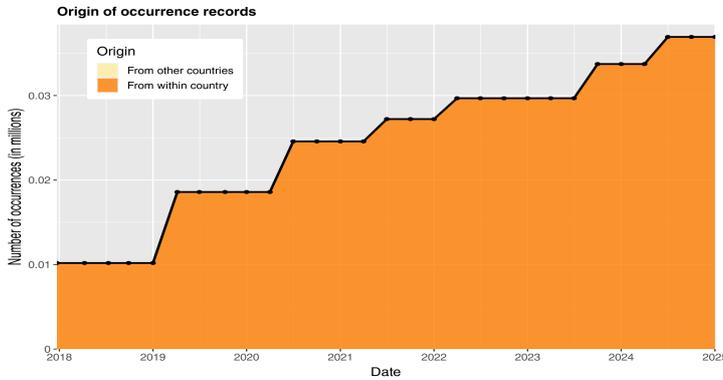


See all publishers from this country or area
gbif.org/publisher/search?country=DZ

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

Data mobilization

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



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Algeria

Rank	Country or area	No. of occurrences
1	United States of America	109,027
2	Belgium	84,468
3	France	52,505
4	Algeria	36,932
5	United Kingdom	35,507
6	Netherlands	16,338
7	Spain	13,531
8	Colombia	10,952
9	Denmark	10,147
10	Sweden	8,432

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

Top datasets contributing data about Algeria

iNaturalist Research-grade Observations. 75,555 occurrences in Algeria. (Last updated 30 Dec 2024)

EOD – eBird Observation Dataset. 36,932 occurrences in Algeria. (Last updated 27 Sep 2024)

DELTATRACK - Herring gulls (*Larus argentatus*, Laridae) and lesser black-backed gulls (*Larus fuscus*, Laridae) breeding at Neeltje Jans (Netherlands). 23,528 occurrences in Algeria. (Last updated 3 Sep 2024)

LBBG_JUVENILE - Juvenile lesser black-backed gulls (*Larus fuscus*, Laridae) and herring gulls (*Larus argentatus*, Laridae) hatched in Zeebrugge (Belgium). 23,041 occurrences in Algeria. (Last updated 4 Sep 2024)

LBBG_ZEEBRUGGE - Lesser black-backed gulls (*Larus fuscus*, Laridae) breeding at the southern North Sea coast (Belgium and the Netherlands). 15,688 occurrences in Algeria. (Last updated 4 Sep 2024)

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