GBIF Global Biodiversity Information Facility

Activity report

generated January 2024

Egypt

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 Egypt. 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

Egypt

contributed to

8

peer-reviewed articles citing GBIF use during 2023 and a total of

51

articles since 2008

▸ Data availability in Egypt

Animalia
437,430
occurrences

Plantae
57,915
occurrences

Fungi
7,234
occurrences

Unknown
3,309
occurrences

Protozoa
260
occurrences

Bacteria
24,967
occurrences

Virus
10,121
occurrences

Chromista
9,909
occurrences

Archaea
236
occurrences

▸ Data mobilization

Institutions from

Egypt

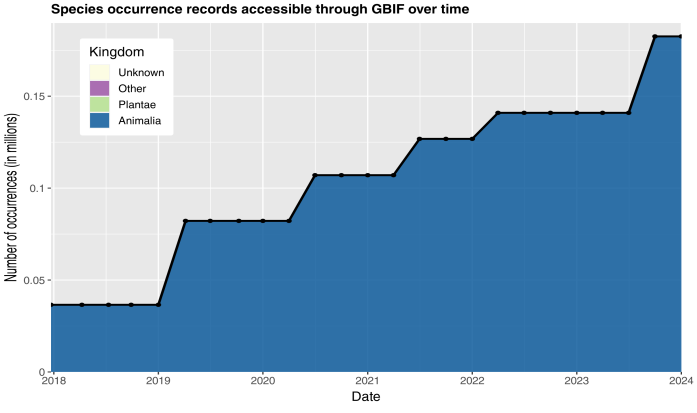
published

41,572

new occurrence records during 2023 out of a total of

355,993,458

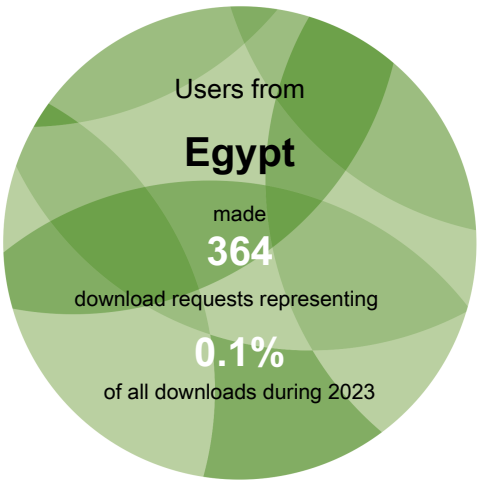
occurrence records added globally to GBIF.org

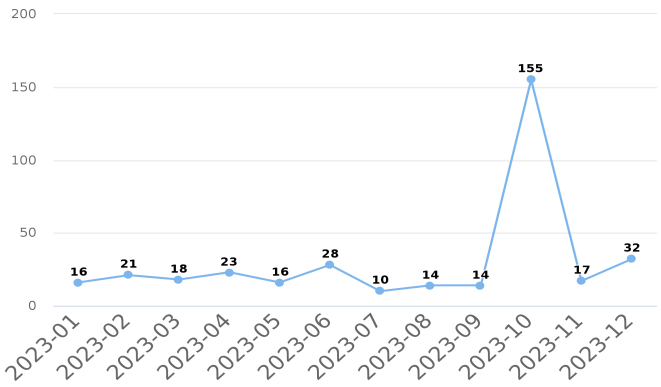


Number of records published by institutions in Egypt, categorized by kingdom

Access and usage

Data downloads on GBIF.org from users in Egypt





Monthly downloads requested by users in Egypt

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

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 Egypt.

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

Loos, Bafort, Bosch *et al.* (2023) Non-indigenous seaweeds in the Northeast Atlantic Ocean, the Mediterranean Sea and Macaronesia: a critical synthesis of diversity, spatial and temporal patterns. *European Journal of Phycology.* https://doi.org/10.1080/09670262.2023.2256828

Celina, Černý, Samy. (2023) Mapping the potential distribution of the principal vector of Crimean-Congo haemorrhagic fever virus Hyalomma marginatum in the Old World. *PLOS Neglected Tropical Diseases.* https://doi.org/10.1371/journal.pntd.0010855

Okely, Engel, Shebl. (2023) Climate Change Influence on the Potential Distribution of Some Cavity-Nesting Bees (Hymenoptera: Megachilidae). *Diversity.* https://doi.org/10.3390/d15121172

Yang, Wu, Dakhil *et al.* (2023) Towards Forest Conservation Planning: How Temperature Fluctuations Determine the Potential Distribution and Extinction Risk of Cupressus funebris Conifer Trees in China. *Forests.* https://doi.org/10.3390/f14112234

ElShahed, Mostafa, Radwan *et al.* (2023) Modeling the potential global distribution of the Egyptian cotton leafworm, Spodoptera littoralis under climate change. *Scientific Reports.*

https://doi.org/10.1038/s41598-023-44441-8

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

Data availability

Total data available for selected taxonomic groups in Egypt

Mammals
23,653
occurrences

Birds
252,363
occurrences

Bony fish
47,900
occurrences

Amphibians
2,187
occurrences

Insects
38,582
occurrences

Reptiles
15,666
occurrences

Molluscs
27,034
occurrences

Arachnids
3,045
occurrences

Flowering plants
53,026
occurrences

Ferns
465
occurrences

Gymnosperms
862
occurrences

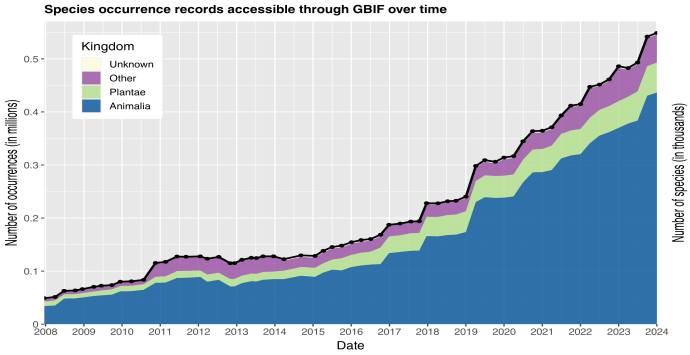
Mosses
377
occurrences

Sac fungi
6,130
occurrences

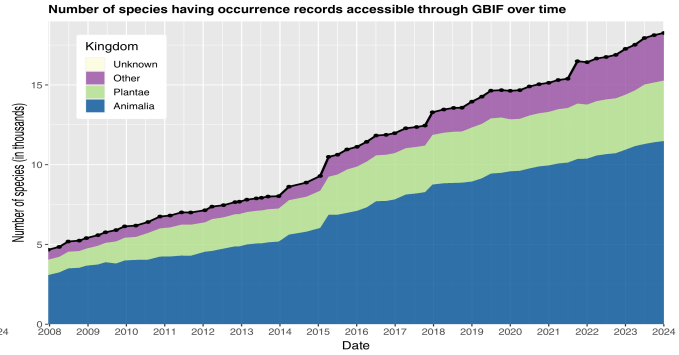
Basidiomycota
773
occurrences

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 Egypt



Occurrence records available about species occurring in Egypt



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

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.

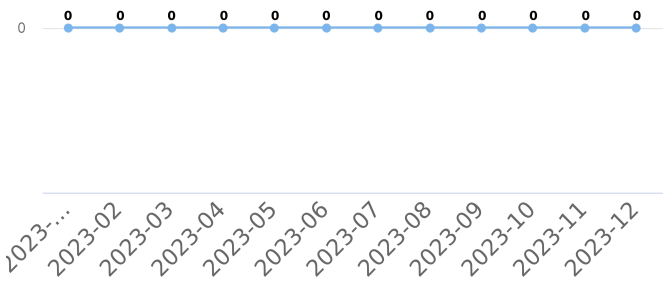
SPECIES COUNTS represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life

Newest publishers from Egypt

No data available

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

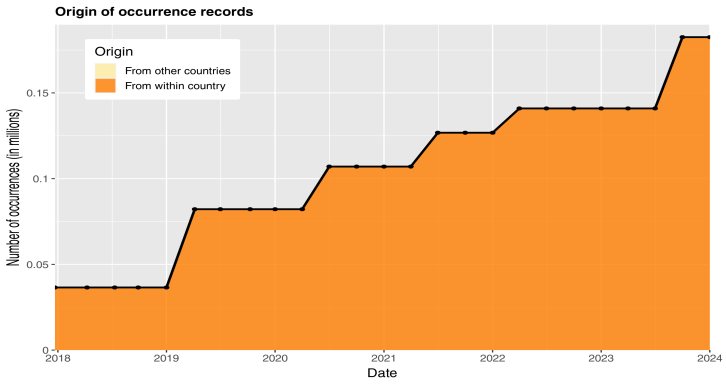
Occurrence records downloaded from GBIF.org, published by institutions in Egypt



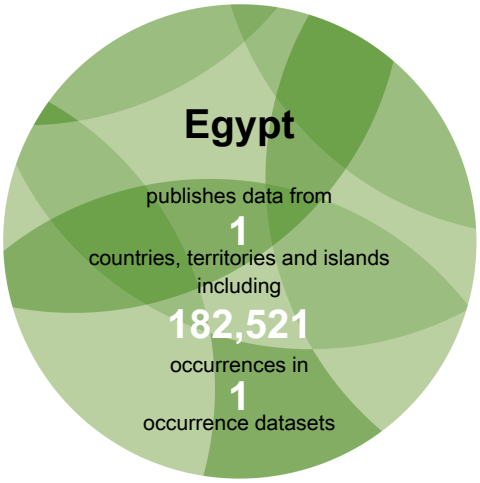
Number of occurrence records downloaded via GBIF.org published by institutions in Egypt

Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Egypt

Rank	Country or area	No. of occurrences
1	Egypt	182,521
2	United States of America	132,795
3	United Kingdom	57,620
4	Netherlands	34,370
5	International organization or unknown country	28,763
6	Estonia	27,915
7	Germany	21,540
8	France	10,972
9	Belgium	10,205
10	Colombia	7,121

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

Top datasets contributing data about Egypt

EOD – eBird Observation Dataset. *182,521 occurrences in Egypt.* (Last updated 20 Aug 2023)

iNaturalist Research-grade Observations. *42,299 occurrences in Egypt.* (Last updated 2 Jan 2024)

BirdMap Data - GPS tracking of Storks, Cranes and birds of prey, breeding in Northern and Eastern Europe. *24,654 occurrences in Egypt.* (Last updated 17 May 2022)

NMNH Extant Specimen Records (USNM, US). *21,691 occurrences in Egypt.* (Last updated 2 Jan 2024)

International Barcode of Life project (iBOL). *21,104 occurrences in Egypt.* (Last updated 2 Jan 2024)

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