

generated January 2025

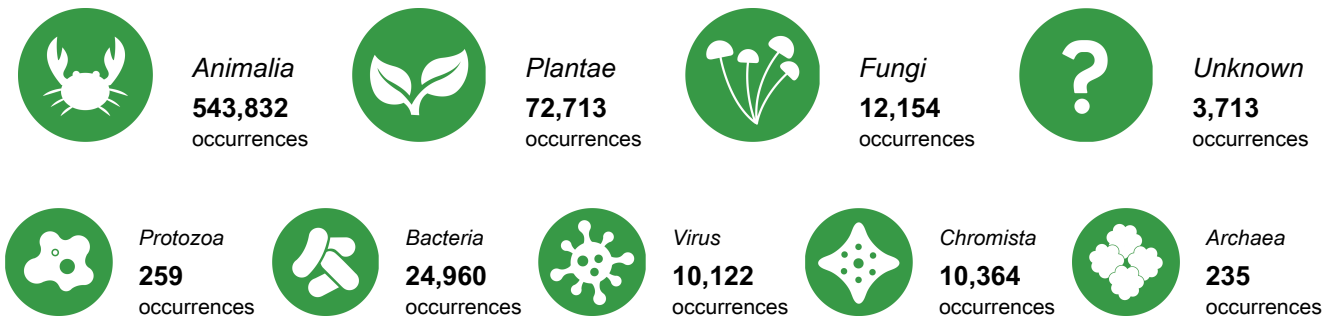
## Egypt

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.

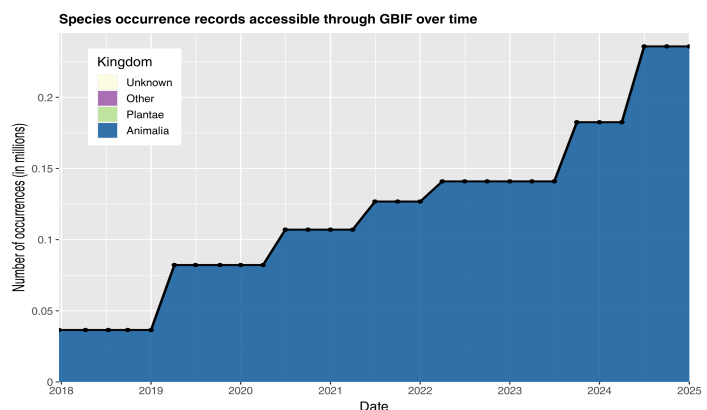
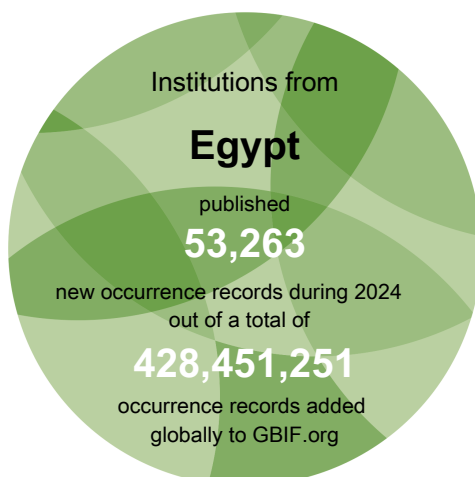
### ► Access and usage



### ► Data availability in Egypt



### ► Data mobilization

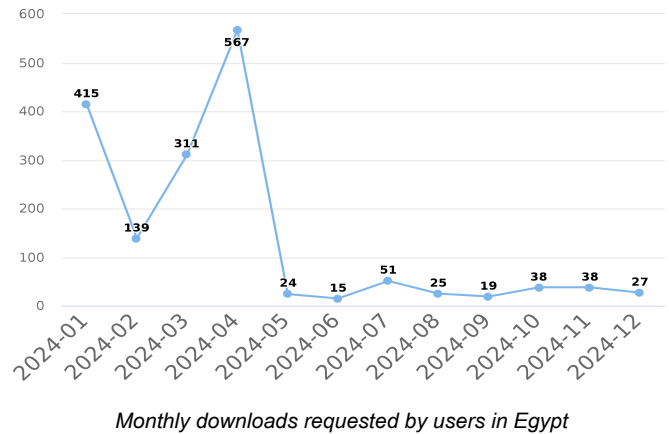
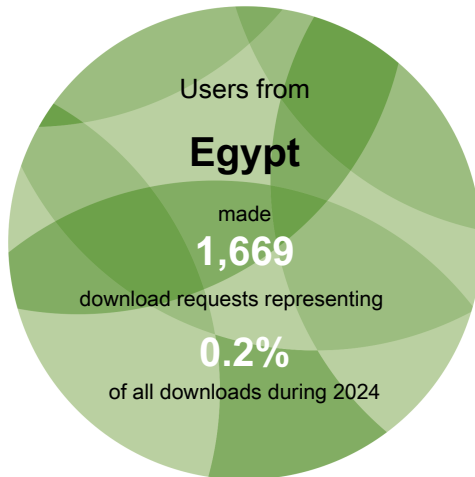


Number of records published by institutions in Egypt, categorized by kingdom



## Access and usage

### Data downloads on GBIF.org from 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](mailto:comms@gbif.org).

Krovi, Amer, Oczkowicz *et al.* (2024) Meta-analysis of spatial genetic patterns among European saproxylic beetles. *Biodiversity and Conservation*.  
<https://doi.org/10.1007/s10531-024-02940-8>

Lazagabaster, Thomas, Spedding *et al.* (2024) Evaluating species distribution model predictions through time against paleozoological records. *Ecology and Evolution*.  
<https://doi.org/10.1002/ece3.70288>

Khalaf, Alqahtani, Ali *et al.* (2024) Modeling climate-related global risk maps of rice bacterial blight caused by *Xanthomonas oryzae* (Ishiyama 1922) using geographical information system (GIS). *Environmental Monitoring and Assessment*.  
<https://doi.org/10.1007/s10661-024-13215-8>

Gandaho, Sogbohossou, Thompson. (2024) NIMO: A graphical user interface-based R package for species distribution modelling. *Ecological Solutions and Evidence*.  
<https://doi.org/10.1002/2688-8319.12385>

Dakhil, Zhang, El-Barougy *et al.* (2024) Diversity pattern of *Symplocos* tree species in China under climate change scenarios: Toward conservation planning. *Global Ecology and Conservation*.  
<https://doi.org/10.1016/j.gecco.2024.e03198>

See all research from this country or area  
[gbif.org/country/EG/publications/from](https://gbif.org/country/EG/publications/from)

## Data availability

### Total data available for selected taxonomic groups in Egypt



**Mammals**  
24,078  
occurrences



**Birds**  
312,449  
occurrences



**Bony fish**  
70,652  
occurrences



**Amphibians**  
2,207  
occurrences



**Insects**  
51,187  
occurrences



**Reptiles**  
16,167  
occurrences



**Molluscs**  
29,159  
occurrences



**Arachnids**  
3,466  
occurrences



**Flowering plants**  
67,183  
occurrences



**Ferns**  
480  
occurrences



**Gymnosperms**  
901  
occurrences



**Mosses**  
402  
occurrences



**Sac fungi**  
10,359  
occurrences



**Basidiomycota**  
1,079  
occurrences

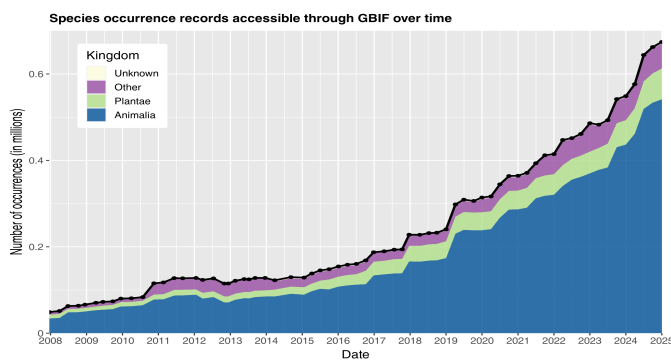
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

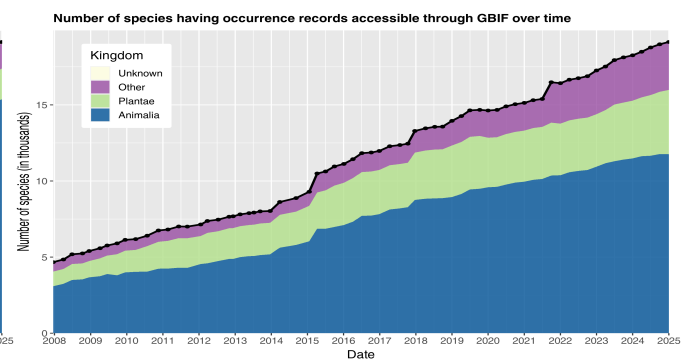
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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.

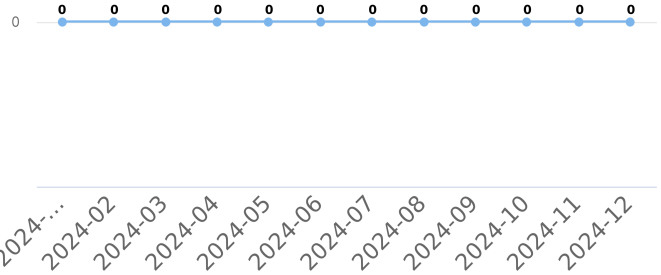
**SPECIES COUNTS** represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



### Newest publishers from Egypt

No data available

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



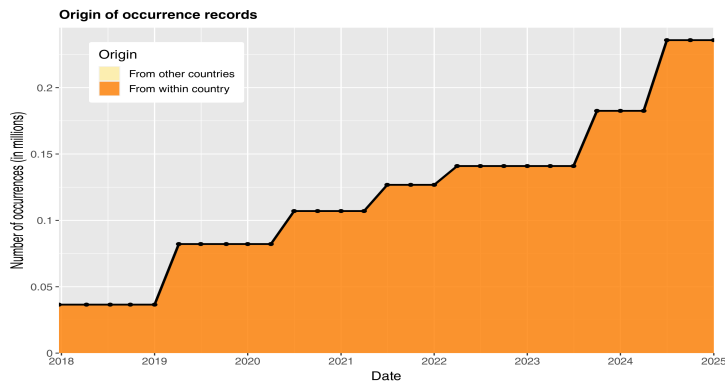
See all publishers from this country or area [gbif.org/publisher/search?country=EG](https://gbif.org/publisher/search?country=EG)

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

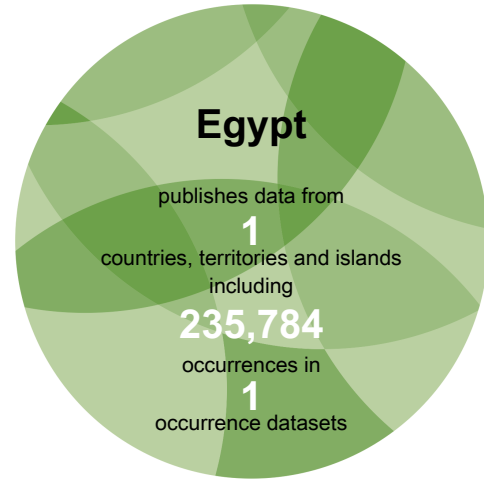


## Data mobilization

### 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	235,784
2	United States of America	152,052
3	United Kingdom	74,208
4	International organization or unknown country	38,830
5	Netherlands	37,248
6	France	29,696
7	Estonia	27,951
8	Germany	22,940
9	Belgium	10,293
10	Sweden	7,549

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

### Top datasets contributing data about Egypt

EOD – eBird Observation Dataset. 235,784 occurrences in Egypt. (Last updated 27 Sep 2024)

iNaturalist Research-grade Observations. 59,686 occurrences in Egypt. (Last updated 30 Dec 2024)

International Barcode of Life project (iBOL). 31,171 occurrences in Egypt. (Last updated 7 Aug 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 16 Jul 2024)

Observation.org, Nature data from around the World. 23,218 occurrences in Egypt. (Last updated 3 Jan 2025)

See all contributing countries and areas or datasets: [gbif.org/country/EG/about](https://gbif.org/country/EG/about)