



generated January 2025

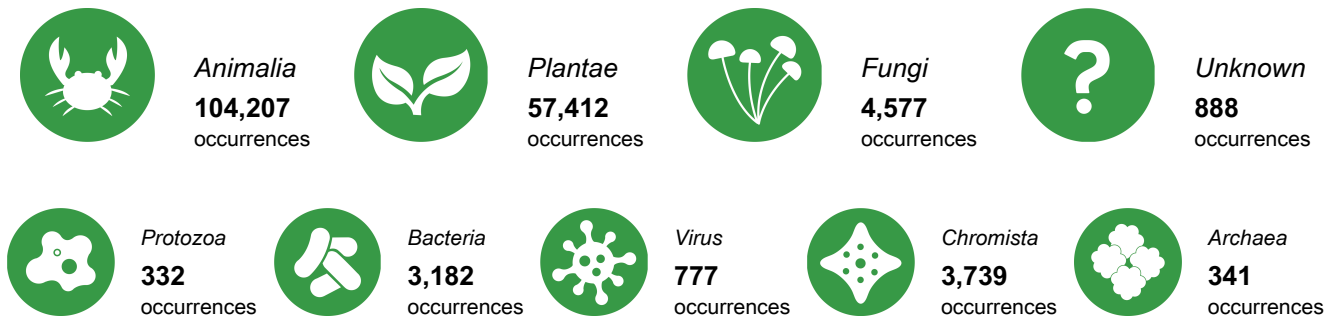
Sudan

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 Sudan. 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.

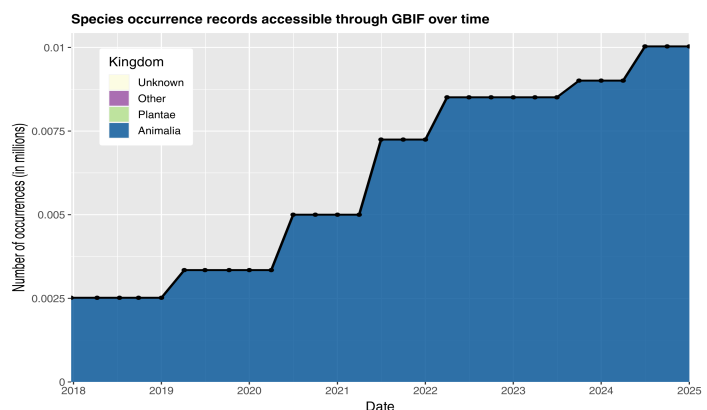
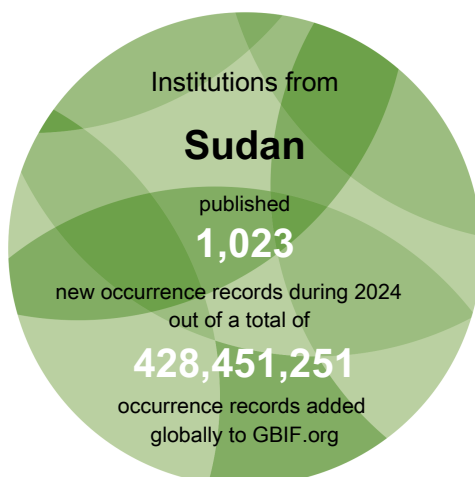
► Access and usage



► Data availability in Sudan



► Data mobilization

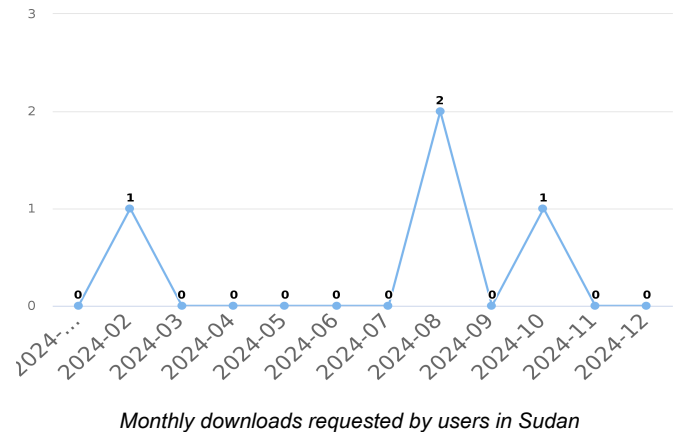
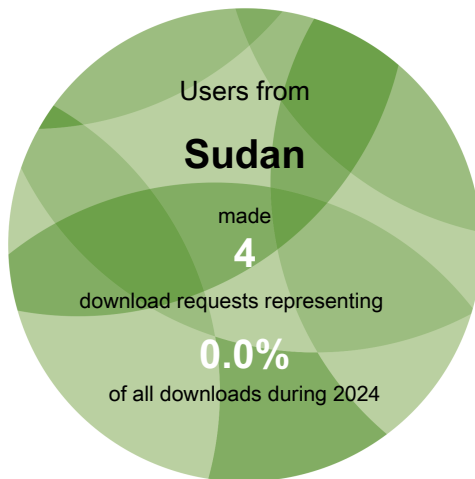


Number of records published by institutions in Sudan, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Sudan



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

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 Sudan.

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

Omer, Essl, Dullinger *et al.* (2024) Invasion risk of the currently cultivated alien flora in southern Africa is predicted to decline under climate change. *Ecography*.
<https://doi.org/10.1111/ecog.07010>

Eastwood, Tambam, Aboagye *et al.* (2022) Adapting Agriculture to Climate Change: A Synopsis of Coordinated National Crop Wild Relative Seed Collecting Programs across Five Continents. *Plants*.
<https://doi.org/10.3390/plants11141840>

Azrag, Ekesi, Mohamed *et al.* (2022) Predicting the habitat suitability of the invasive white mango scale, *Aulacaspis tubercularis*; Newstead, 1906 (Hemiptera: Diaspididae) using bioclimatic variables. *Pest Management Science*.
<https://doi.org/10.1002/ps.7030>

Hassan, Simpson, Cano *et al.* (2021) Modelling the spatial distribution of mycetoma in Sudan. *Transactions of The Royal Society of Tropical Medicine and Hygiene*.
<https://doi.org/10.1093/trstmh/trab076>

Bogotá-Ángel, Huang, Jardine *et al.* (2021) Climate and geological change as drivers of Mauritiinae palm biogeography. *Journal of Biogeography*.
<https://doi.org/10.1111/jbi.14098>

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



Data availability

Total data available for selected taxonomic groups in Sudan



Mammals
11,612
occurrences



Birds
66,969
occurrences



Bony fish
4,674
occurrences



Amphibians
773
occurrences



Insects
10,811
occurrences



Reptiles
2,408
occurrences



Molluscs
2,078
occurrences



Arachnids
343
occurrences



Flowering plants
56,067
occurrences



Ferns
411
occurrences



Gymnosperms
235
occurrences



Mosses
220
occurrences



Sac fungi
3,406
occurrences



Basidiomycota
699
occurrences

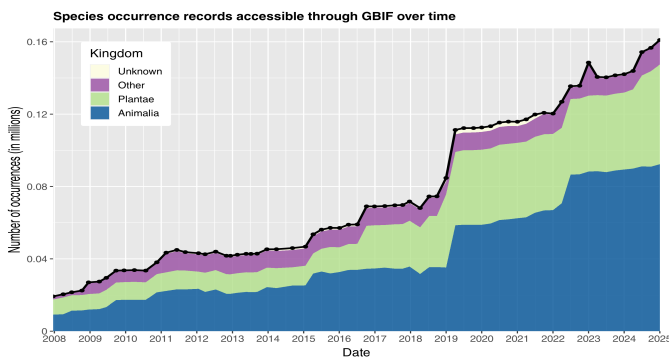
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

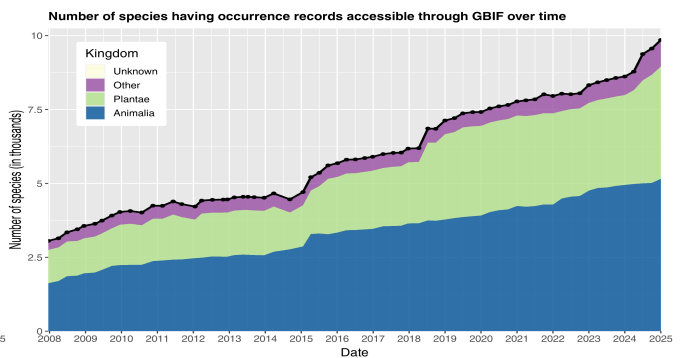
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Sudan



Occurrence records available about species occurring in Sudan



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

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.

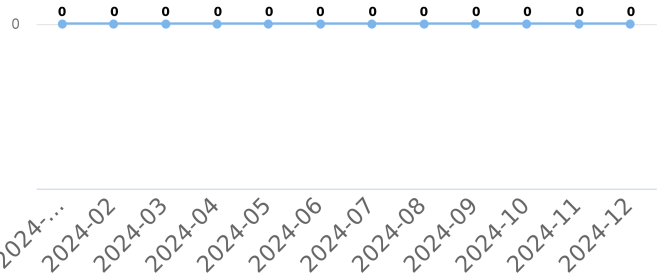
SPECIES COUNTS represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



Newest publishers from Sudan

No data available

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



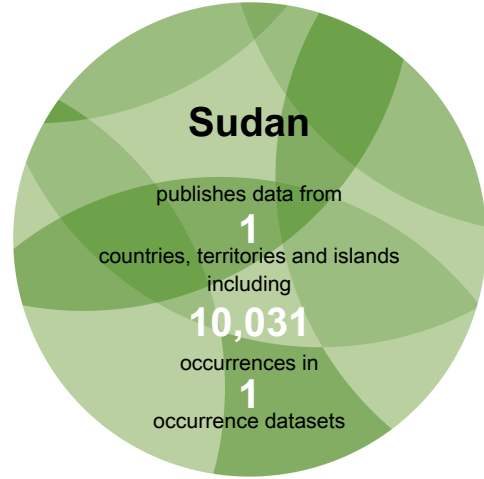
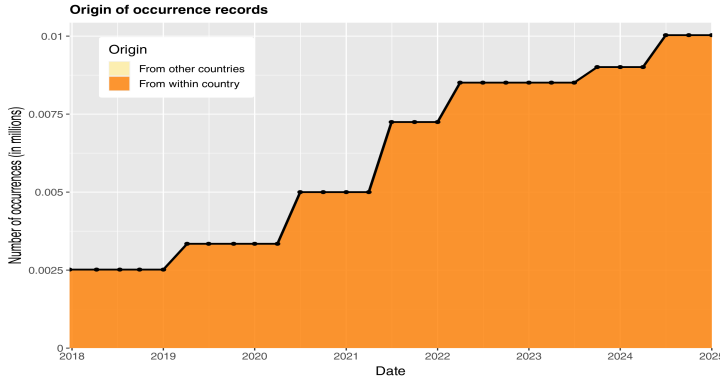
See all publishers from this country or area
gbif.org/publisher/search?country=SD

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



Data mobilization

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



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Sudan

Rank	Country or area	No. of occurrences
1	Estonia	43,888
2	United Kingdom	34,430
3	United States of America	22,012
4	France	15,468
5	Germany	11,163
6	Colombia	10,129
7	Sudan	10,031
8	International organization or unknown country	7,234
9	Netherlands	5,206
10	Belgium	3,992

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

Top datasets contributing data about Sudan

BirdMap Data - GPS tracking of Storks, Cranes and birds of prey, breeding in Northern and Eastern Europe. *43,825 occurrences in Sudan.* (Last updated 16 Jul 2024)

Royal Botanic Gardens, Kew - Herbarium Specimens. *12,994 occurrences in Sudan.* (Last updated 2 Jan 2025)

Natural History Museum (London) Collection Specimens. *12,266 occurrences in Sudan.* (Last updated 3 Jan 2025)

FLOTROP, a massive contribution to plant diversity data for open ecosystems in Tropical Africa.. *12,030 occurrences in Sudan.* (Last updated 28 Aug 2019)

A global database for the distributions of crop wild relatives. *10,110 occurrences in Sudan.* (Last updated 9 Feb 2024)

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