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

Researchers from Sudan contributed to 0 peer-reviewed articles citing GBIF use during 2023 and a total of 10 articles since 2008.

▶ Data availability in Sudan

- **Animalia**: 101,157 occurrences
- **Plantae**: 45,392 occurrences
- **Fungi**: 1,852 occurrences
- **Unknown**: 888 occurrences
- **Protozoa**: 331 occurrences
- **Bacteria**: 3,183 occurrences
- **Virus**: 777 occurrences
- **Chromista**: 3,059 occurrences
- **Archaea**: 335 occurrences

▶ Data mobilization

Institutions from Sudan published 499 new occurrence records during 2023 out of a total of 355,993,458 occurrence records added globally to GBIF.org.
Access and usage

Data downloads on GBIF.org from users in Sudan

Users from Sudan made 31 download requests representing 0.0% of all downloads during 2023.

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.


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


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**

<table>
<thead>
<tr>
<th>Taxonomic Group</th>
<th>Total Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mammals</td>
<td>11,600 occurrences</td>
</tr>
<tr>
<td>Birds</td>
<td>65,764 occurrences</td>
</tr>
<tr>
<td>Bony fish</td>
<td>3,973 occurrences</td>
</tr>
<tr>
<td>Amphibians</td>
<td>770 occurrences</td>
</tr>
<tr>
<td>Insects</td>
<td>10,141 occurrences</td>
</tr>
<tr>
<td>Reptiles</td>
<td>2,373 occurrences</td>
</tr>
<tr>
<td>Molluscs</td>
<td>1,961 occurrences</td>
</tr>
<tr>
<td>Arachnids</td>
<td>334 occurrences</td>
</tr>
<tr>
<td>Flowering plants</td>
<td>44,084 occurrences</td>
</tr>
<tr>
<td>Ferns</td>
<td>416 occurrences</td>
</tr>
<tr>
<td>Gymnosperms</td>
<td>234 occurrences</td>
</tr>
<tr>
<td>Mosses</td>
<td>215 occurrences</td>
</tr>
<tr>
<td>Sac fungi</td>
<td>1,523 occurrences</td>
</tr>
<tr>
<td>Basidiomycota</td>
<td>190 occurrences</td>
</tr>
</tbody>
</table>

**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 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.

**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.
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

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.

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Top data contributors about biodiversity in Sudan

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country or area</th>
<th>No. of occurrences</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Estonia</td>
<td>43,888</td>
</tr>
<tr>
<td>2</td>
<td>United States of America</td>
<td>21,074</td>
</tr>
<tr>
<td>3</td>
<td>United Kingdom</td>
<td>19,583</td>
</tr>
<tr>
<td>4</td>
<td>France</td>
<td>14,858</td>
</tr>
<tr>
<td>5</td>
<td>Germany</td>
<td>10,565</td>
</tr>
<tr>
<td>6</td>
<td>Colombia</td>
<td>10,116</td>
</tr>
<tr>
<td>7</td>
<td>Sudan</td>
<td>9,008</td>
</tr>
<tr>
<td>8</td>
<td>International organization or unknown country</td>
<td>7,609</td>
</tr>
<tr>
<td>9</td>
<td>Netherlands</td>
<td>5,203</td>
</tr>
<tr>
<td>10</td>
<td>Belgium</td>
<td>3,978</td>
</tr>
</tbody>
</table>

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

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

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 17 May 2022)

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

Natural History Museum (London) Collection Specimens. 11,524 occurrences in Sudan. (Last updated 19 Dec 2023)

A global database for the distributions of crop wild relatives. 10,110 occurrences in Sudan. (Last updated 6 Jun 2019)

EOD – eBird Observation Dataset. 9,008 occurrences in Sudan. (Last updated 20 Aug 2023)