

generated January 2025

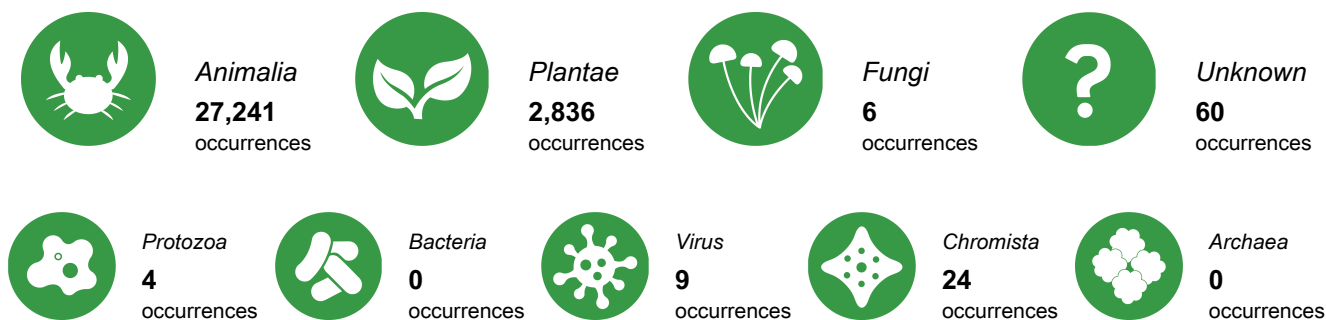
South Sudan

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 South 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.

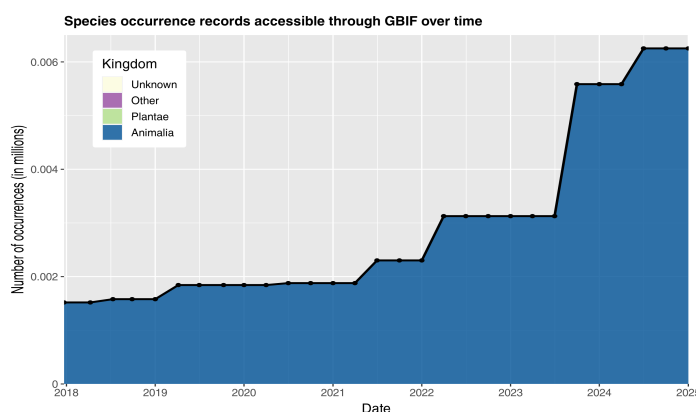
► Access and usage



► Data availability in South Sudan



► Data mobilization

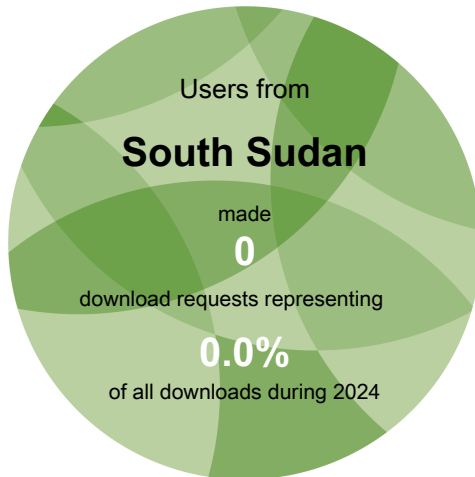


Number of records published by institutions in South Sudan, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in South Sudan



Monthly downloads requested by users in South Sudan

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

Alier, Idohou, Hounsou-Dindin *et al.* (2023) Assessing the potential impact of climate change on *Kobus megaceros* in South Sudan: a combination of geostatistical and species distribution modelling. *Modeling Earth Systems and Environment*.
<https://doi.org/10.1007/s40808-023-01889-x>

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



Data availability

Total data available for selected taxonomic groups in South Sudan



Mammals
3,374
occurrences



Birds
17,746
occurrences



Bony fish
225
occurrences



Amphibians
196
occurrences



Insects
4,464
occurrences



Reptiles
584
occurrences



Molluscs
89
occurrences



Arachnids
138
occurrences



Flowering plants
2,745
occurrences



Ferns
59
occurrences



Gymnosperms
10
occurrences



Mosses
1
occurrences



Sac fungi
4
occurrences



Basidiomycota
2
occurrences

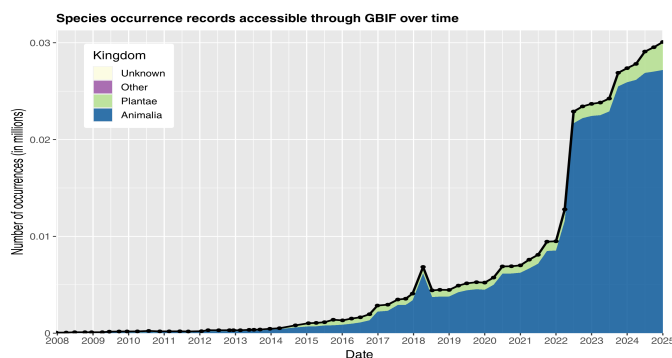
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

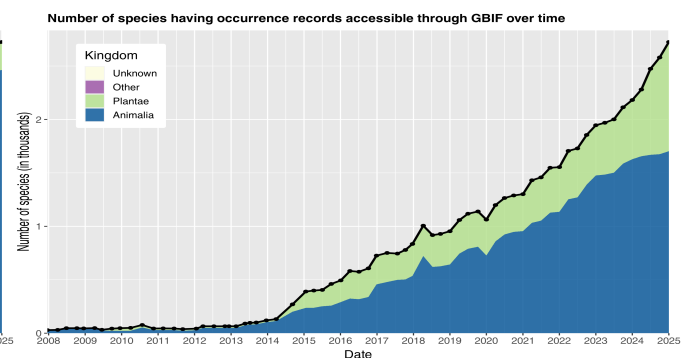
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in South Sudan



Occurrence records available about species occurring in South Sudan



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



Most recent datasets from publishers in South Sudan

Population status, Distribution and Threats to the Nile lechwe (Kobus megaceros, M.T.Von Heuglin,1853) in the Sudd Wetland, South Sudan (2012). *Published by Ministry of Environment and Forestry*
<https://doi.org/10.15468/oayffr>

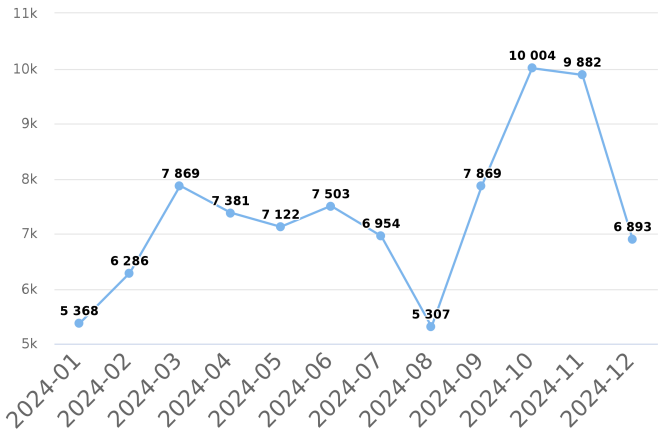
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=SS

Newest publishers from South Sudan

Ministry of Environment and Forestry

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

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

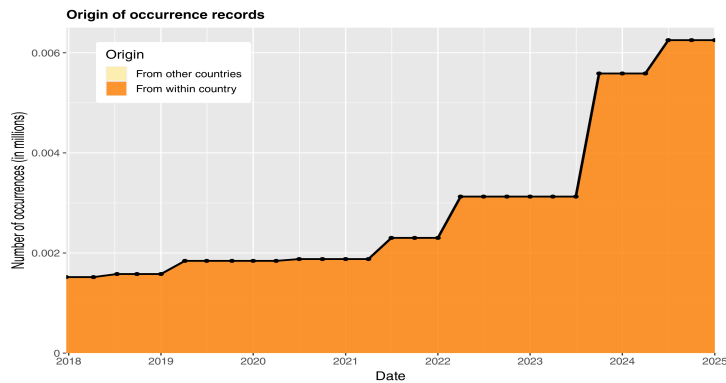


Number of occurrence records downloaded via GBIF.org published by institutions in South Sudan

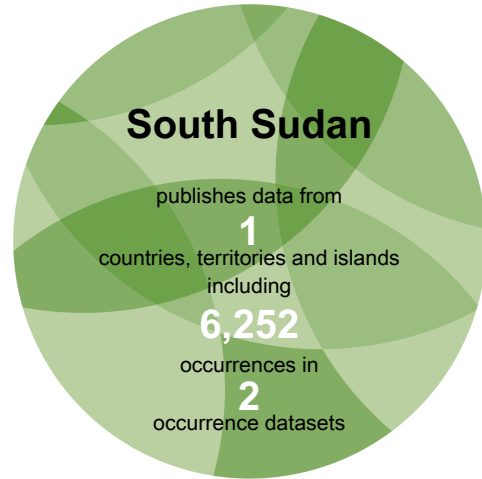


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in South Sudan

Rank	Country or area	No. of occurrences
1	Estonia	10,171
2	South Sudan	6,252
3	United States of America	4,664
4	United Kingdom	2,379
5	Finland	2,178
6	Kenya	1,106
7	International organization or unknown country	818
8	Denmark	659
9	Netherlands	646
10	Australia	226

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

Top datasets contributing data about South Sudan

BirdMap Data - GPS tracking of Storks, Cranes and birds of prey, breeding in Northern and Eastern Europe. *10,023 occurrences in South Sudan.* (Last updated 16 Jul 2024)

EOD – eBird Observation Dataset. *6,191 occurrences in South Sudan.* (Last updated 27 Sep 2024)

Coleoptera World (Luomus) (CW). *2,029 occurrences in South Sudan.* (Last updated 5 Jan 2025)

NMNH Extant Specimen Records (USNM, US). *1,466 occurrences in South Sudan.* (Last updated 2 Jan 2025)

Museum of Comparative Zoology, Harvard University. *1,177 occurrences in South Sudan.* (Last updated 1 Jan 2025)

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



South Sudan participates in the following projects coordinated by GBIF

Enhancing capacity of GBIF South Sudan

Capacity Enhancement Support Programme, 2021–2023

<https://www.gbif.org/project/CESP2021-009>

Development of National Biodiversity Database System (NBDS)

BID: Biodiversity Information for Development, 2017–2019

National Biodiversity Database System (NBDS) aims to contribute to the development, maintenance and update of biodiversity facility to mobilize data and information for different users to aid reporting and decision making process related to sustainable biodiversity conservation and management in the Republic of South Sudan and beyond through a data sharing protocol and agreements.

<https://www.gbif.org/project/J1REqx8zAIU2I2SYsSAei>

See all GBIF projects

[gbif.org/resource/search?contentType=project](https://www.gbif.org/resource/search?contentType=project)