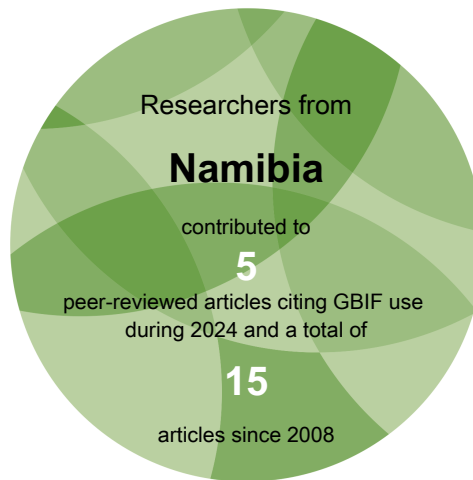


generated January 2025

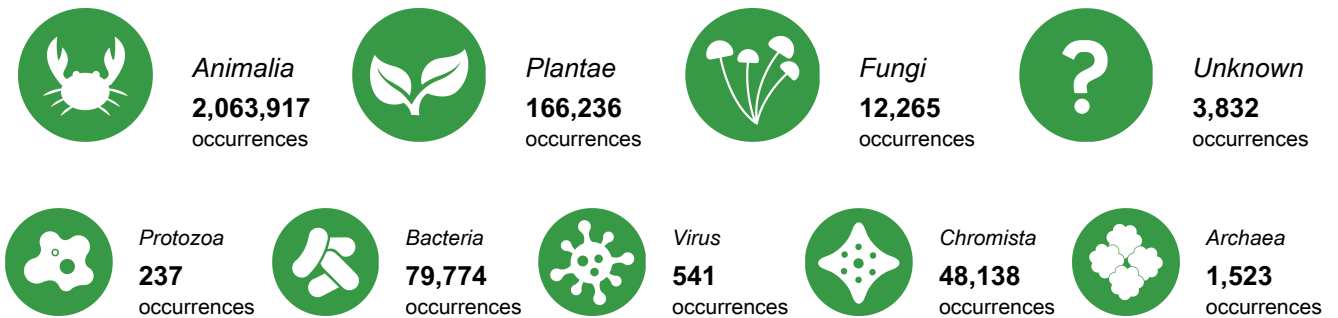
## Namibia

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 Namibia. 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.

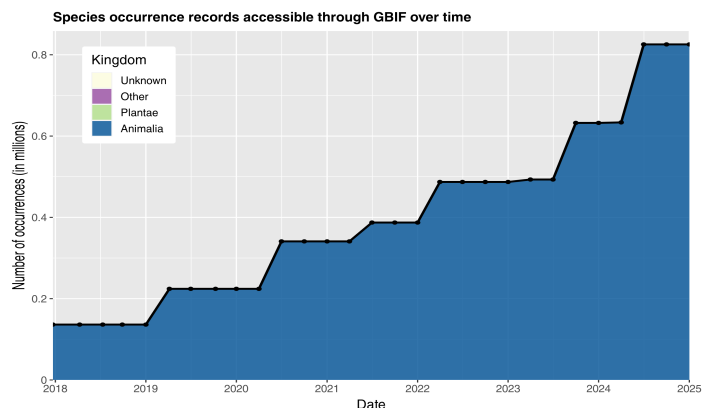
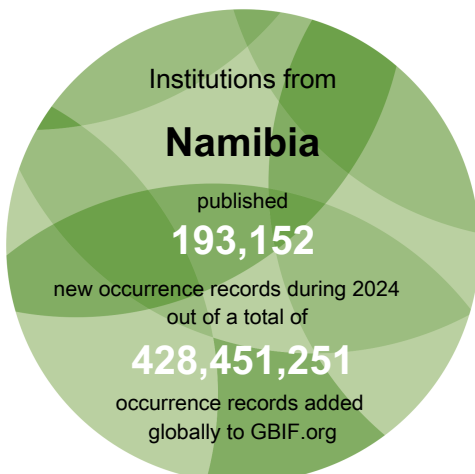
### ► Access and usage



### ► Data availability in Namibia



### ► Data mobilization

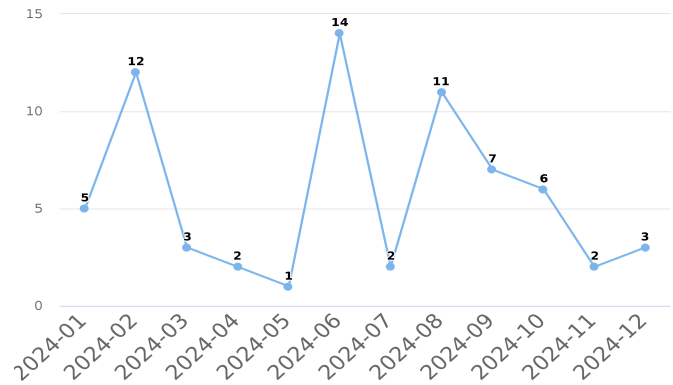
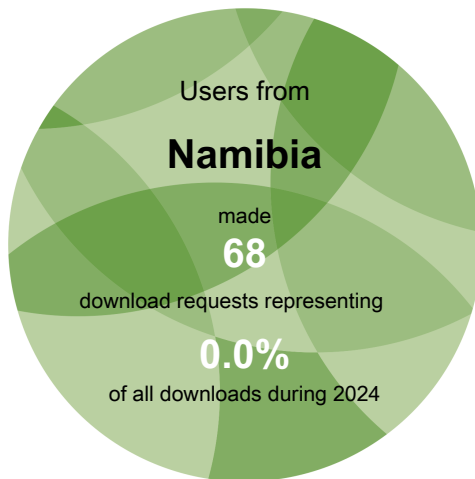


Number of records published by institutions in Namibia, categorized by kingdom



## Access and usage

### Data downloads on GBIF.org from users in Namibia



Monthly downloads requested by users in Namibia

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

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 Namibia.

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).

Alfeus, Irish, Birkhofer. (2024) Recognition and completeness metrics from iNaturalist and GBIF can inform future citizen science and research projects: a case study on arthropods in Namibia.

*Biodiversity and Conservation*.

<https://doi.org/10.1007/s10531-024-02981-z>

Nelson, Marneweck, McShea *et al.* (2024) Predicted future range expansion of a small carnivore: swift fox in North America. *Landscape Ecology*.

<https://doi.org/10.1007/s10980-024-01962-5>

Fradera-Soler, Tshikesho, Nanyeni *et al.* (2024) Exploring Namibia's Diverse Succulent and Arid-Adapted Flora: Notes from Fieldwork. *Cactus and Succulent Journal*.

<https://doi.org/10.2985/015.096.0104>

Guarnieri, Kumaishi, Brock *et al.* (2024) Effects of climate, land use, and human population change on human–elephant conflict risk in Africa and Asia. *Proceedings of the National Academy of Sciences*.

<https://doi.org/10.1073/pnas.2312569121>

Lessa, Alves-Martins, Martinez-Arribas *et al.* (2024) Quantifying spatial ignorance in the effort to collect terrestrial fauna in Namibia, Africa.

*Ecological Indicators*.

<https://doi.org/10.1016/j.ecolind.2023.111490>

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



## Data availability

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



**Mammals**  
40,661  
occurrences



**Birds**  
1,826,992  
occurrences



**Bony fish**  
15,844  
occurrences



**Amphibians**  
4,538  
occurrences



**Insects**  
118,415  
occurrences



**Reptiles**  
29,089  
occurrences



**Molluscs**  
3,760  
occurrences



**Arachnids**  
9,390  
occurrences



**Flowering plants**  
161,573  
occurrences



**Ferns**  
1,197  
occurrences



**Gymnosperms**  
729  
occurrences



**Mosses**  
532  
occurrences



**Sac fungi**  
9,477  
occurrences



**Basidiomycota**  
1,000  
occurrences

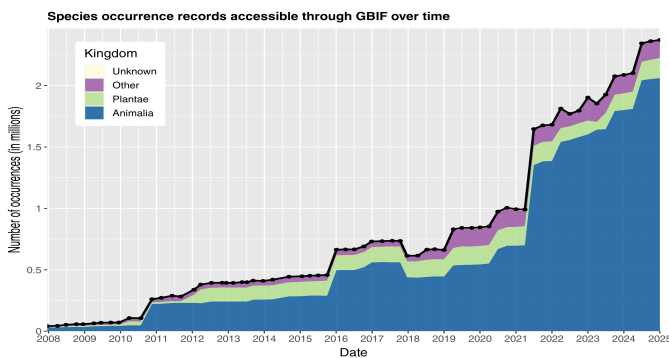
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

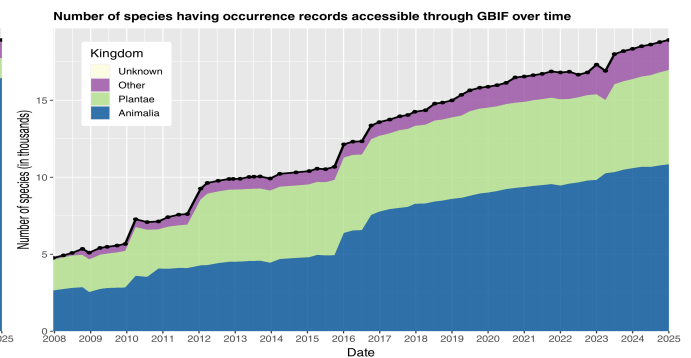
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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

## Change over time in records about biodiversity in Namibia



Occurrence records available about species occurring in Namibia



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

### 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 Namibia

Amphibia: National Museum of Namibia. *Published by National Museum of Namibia*  
<https://doi.org/10.15468/e76u9v>

Entomology: National Museum of Namibia. *Published by National Museum of Namibia*  
<https://doi.org/10.15468/xzqenv>

National Museum of Namibia Scorpiones Collection Data 2022. *Published by National Museum of Namibia*  
<https://doi.org/10.15468/gmn5t4>

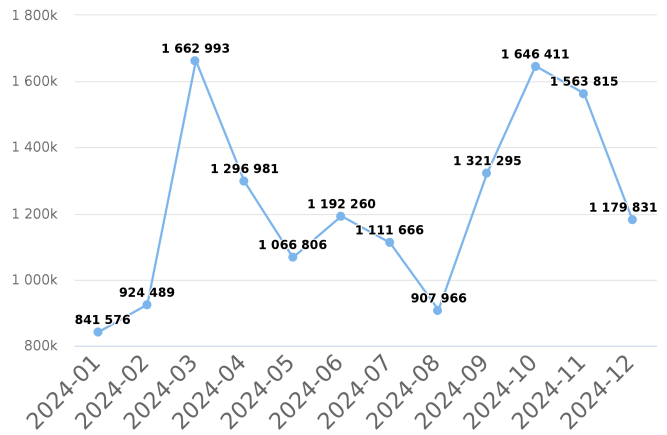
See all datasets from this country or area: [gbif.org/dataset/search?publishing\\_country=NA](https://gbif.org/dataset/search?publishing_country=NA)

### Newest publishers from Namibia

National Museum of Namibia

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

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

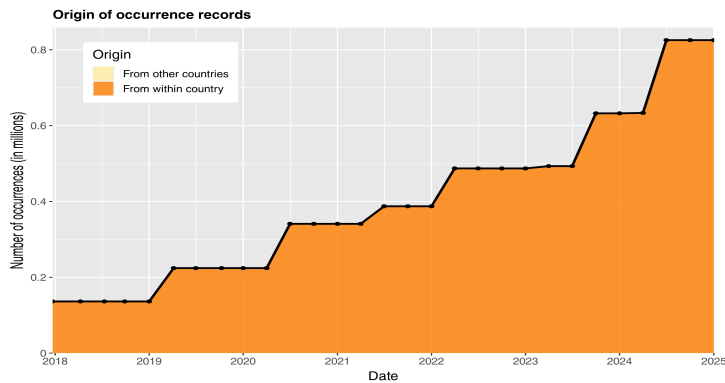


Number of occurrence records downloaded via GBIF.org published by institutions in Namibia

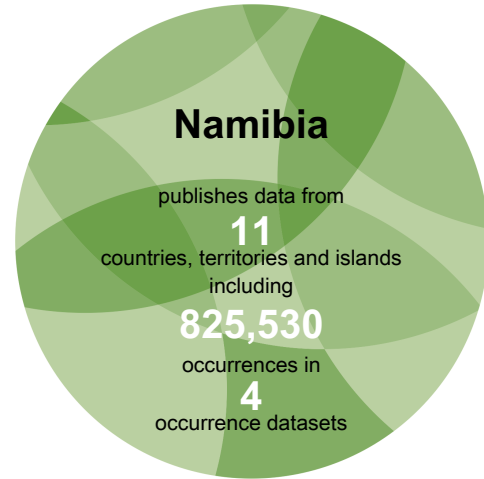


## Data mobilization

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



Data sharing with country or area of origin



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

### Top data contributors about biodiversity in Namibia

Rank	Country or area	No. of occurrences
1	South Africa	1,052,016
2	Namibia	824,432
3	United States of America	144,782
4	United Kingdom	106,849
5	Germany	85,855
6	Netherlands	44,024
7	Poland	42,595
8	Estonia	20,375
9	Sweden	11,409
10	Belgium	7,132

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

### Top datasets contributing data about Namibia

EOD – eBird Observation Dataset. *814,700 occurrences in Namibia.* (Last updated 27 Sep 2024)

Southern African Bird Atlas Project 2. *745,949 occurrences in Namibia.* (Last updated 2 Jan 2025)

SAFRING: Historical Bird Ringing Records (2005-2009). *166,196 occurrences in Namibia.* (Last updated 22 Nov 2017)

iNaturalist Research-grade Observations. *99,185 occurrences in Namibia.* (Last updated 30 Dec 2024)

Botanical Database of Southern Africa (BODATSA): Botanical Collections. *69,189 occurrences in Namibia.* (Last updated 11 Dec 2024)

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



## Namibia participates in the following projects coordinated by GBIF

Mobilizing collections while improving open data engagement in Namibia

*BID: Biodiversity Information for Development, 2021–2023*

<https://www.gbif.org/project/BID-AF2020-099-NAC>

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