

generated January 2026

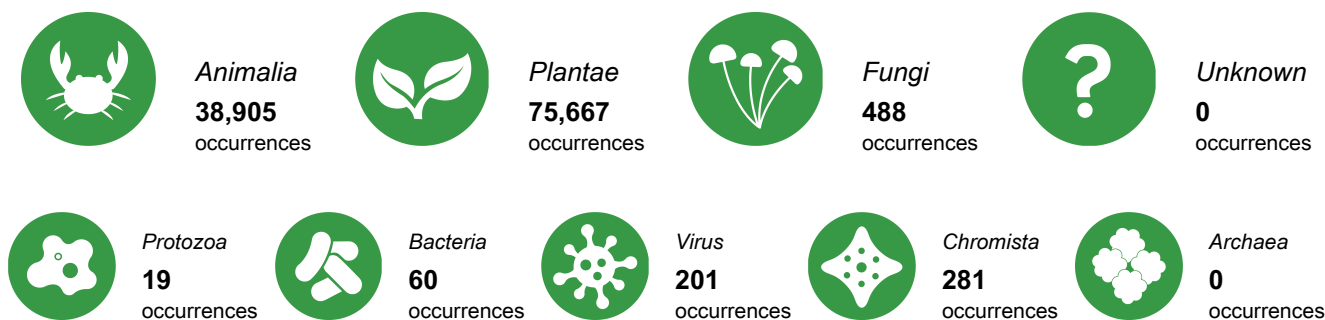
Niger

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 Niger. 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.

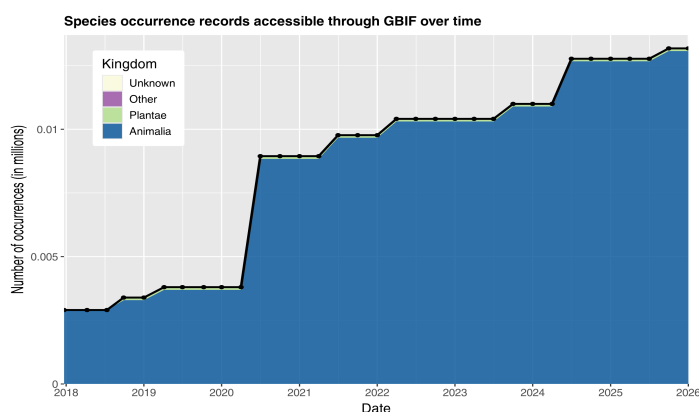
► Access and usage



► Data availability in Niger



► Data mobilization

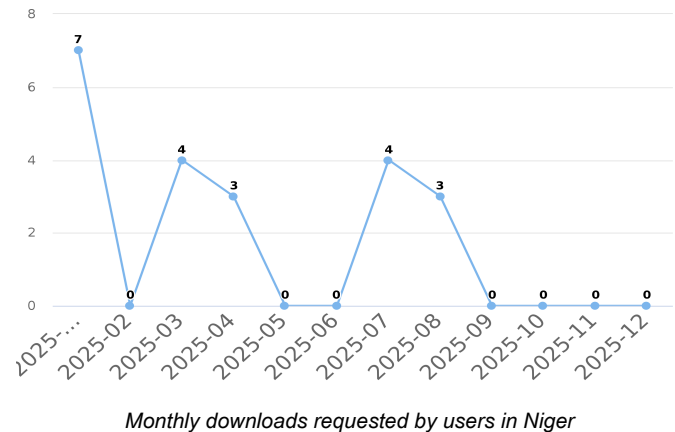
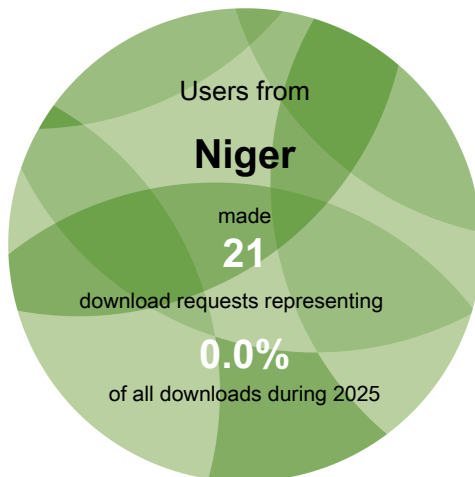


Number of records published by institutions in Niger,
categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Niger



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

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 Niger.

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

Bio, Abdou, Abdourahmane *et al.* (2024) 6. Impact of Climate Change on the Distribution of *Vachellia tortilis* subsp. *raddiana* (Savi) Kyal. and Boatwr. In Eastern Niger. *West African Journal of Applied Ecology*.

Sina, Soumana, Garba *et al.* (2024) Influence of Climatic Changes and Anthropogenic Activities on the Distribution and Habitats of *Senegalia senegal* in Niger: A Forecast and Ecological Analysis. *Journal of Geoscience and Environment Protection*.
<https://doi.org/10.4236/gep.2024.1211002>

Kanda, Da, Maârouhi *et al.* (2024) Assessment of Climate Change Impact on Future Distribution of Palm Trees in Niger, West Africa. *Discover Sustainability*.
<https://doi.org/10.1007/s43621-024-00387-z>

ALI, GARBA. (2023) Impact of Climate Change on the Extent of Favorable Areas for the Future Distribution of Multipurpose Agro Forestry Species in Niger: The Case of *Vitellaria Paradoxa* C.F. Gaertn. *International Journal of Innovative Science and Research Technology*.
<https://doi.org/10.5281/zenodo.8126010>

Ramirez-Villegas, Khoury, Achicanoy *et al.* (2022) State of ex situ conservation of landrace groups of 25 major crops. *Nature Plants*.
<https://doi.org/10.1038/s41477-022-01144-8>

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



Data availability

Total data available for selected taxonomic groups in Niger



Mammals
8,459
occurrences



Birds
15,488
occurrences



Bony fish
1,040
occurrences



Amphibians
262
occurrences



Insects
3,973
occurrences



Reptiles
1,396
occurrences



Molluscs
3,366
occurrences



Arachnids
104
occurrences



Flowering plants
75,273
occurrences



Ferns
135
occurrences



Gymnosperms
10
occurrences



Mosses
183
occurrences



Sac fungi
96
occurrences



Basidiomycota
372
occurrences

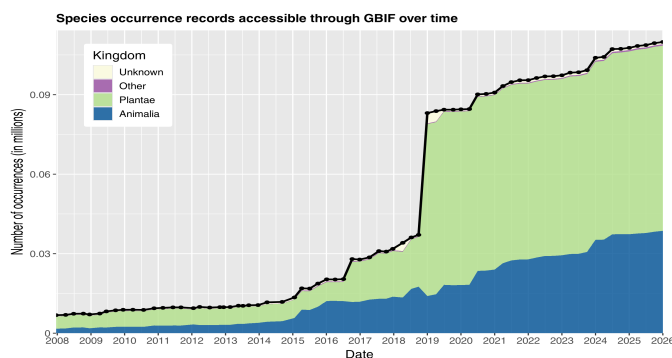
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

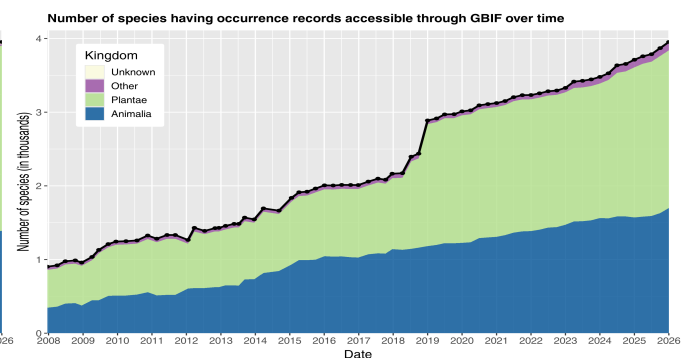
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Niger



Occurrence records available about species occurring in Niger



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

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 Niger

Specimens d'herbier de la flore du Niger. *Published by Centre National des Semences Forestières*

<https://doi.org/10.15468/we6uaw>

Répertoire des espèces de poisson inventoriées dans le fleuve Niger, de Niamey à Say. *Published by Direction de la Pêche et de l'Aquaculture*

<https://doi.org/10.15468/vzj8dk>

Inventaire de la faune aviaire et de l'Ichtyofaune de la mare de l'Abarkaizé et des Oiseaux de Dan Saga. *Published by Faculté d'Agronomie et Sciences de l'Environnement / Université Dan Dicko Dankoulodo de Maradi-Niger*

<https://doi.org/10.15468/luzvny>

Les espèces du genre *Micrasterias* de milieux humides du fleuve Niger (Niamey). *Published by FAST/ Département de Biologie/Université Abdou Moumouni*

<https://doi.org/10.15468/xqxdzk>

Inventaire des espèces végétales de la vallée de Gounti Yéna (Niamey). *Published by FAST/ Département de Biologie/Université Abdou Moumouni*

<https://doi.org/10.15468/jgnvoj>

Pedestrian mammals census in W National Park. *Published by Direction de la Faune de la Chasse et des Aires Protégées*

<https://doi.org/10.15468/lmjrsu>

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

Newest publishers from Niger

FAST/Département de Biologie/Université Abdou Moumouni

Faculté d'Agronomie et Sciences de l'Environnement / Université Dan Dicko Dankoulodo de Maradi-Niger

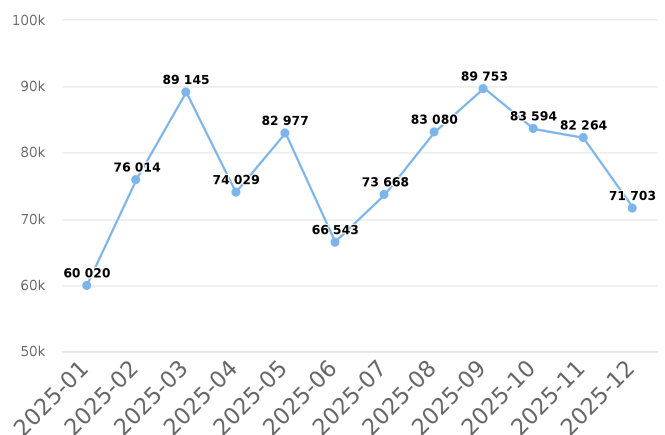
Direction de la Faune de la Chasse et des Aires Protégées

Centre National des Semences Forestières

Direction de la Pêche et de l'Aquaculture

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

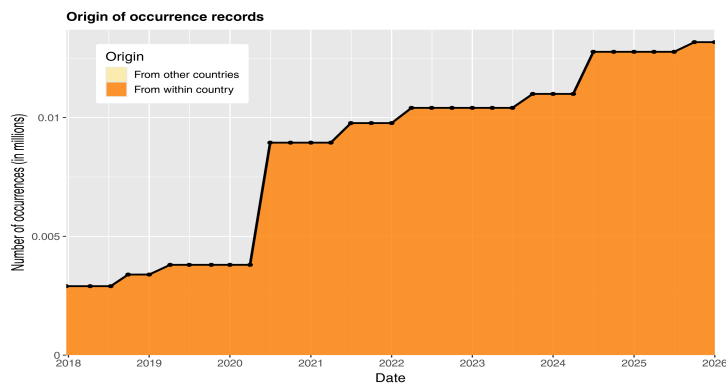
Occurrence records downloaded from GBIF.org, published by institutions in Niger



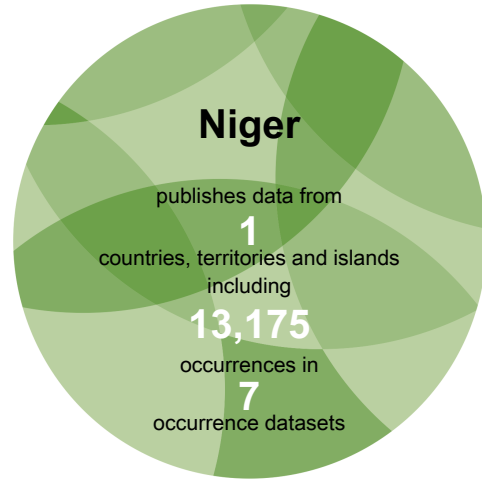
Number of occurrence records downloaded via
GBIF.org published by institutions in Niger

Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Niger

Rank	Country or area	No. of occurrences
1	France	50,603
2	Niger	13,175
3	United Kingdom	10,946
4	United States of America	8,772
5	Colombia	7,972
6	International organization or unknown country	6,476
7	Sweden	5,761
8	Hong Kong	4,152
9	Belgium	2,826
10	Netherlands	937

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

Top datasets contributing data about Niger

FLOTROP, a massive contribution to plant diversity data for open ecosystems in Tropical Africa.. 45,998 occurrences in Niger. (Last updated 28 Aug 2019)

EOD – eBird Observation Dataset. 12,686 occurrences in Niger. (Last updated 29 Oct 2025)

A global database for the distributions of crop wild relatives. 7,971 occurrences in Niger. (Last updated 9 Feb 2024)

Natural History Museum (London) Collection Specimens. 7,855 occurrences in Niger. (Last updated 14 Oct 2025)

Svalbard Global Seed Vault Collection. 5,383 occurrences in Niger. (Last updated 14 Feb 2025)

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



Niger participates in the following projects coordinated by GBIF

Using the CBD Clearing-House Mechanism to strengthen biodiversity data acquisition and data sharing

Capacity Enhancement Support Programme, 2019–2020

A new content management system, Bioland Tool, could use the Convention on Biological Diversity's CHM network and infrastructure to improve biodiversity data sharing

<https://www.gbif.org/project/79ZRBGx5dNXYP2ijHKebK>

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