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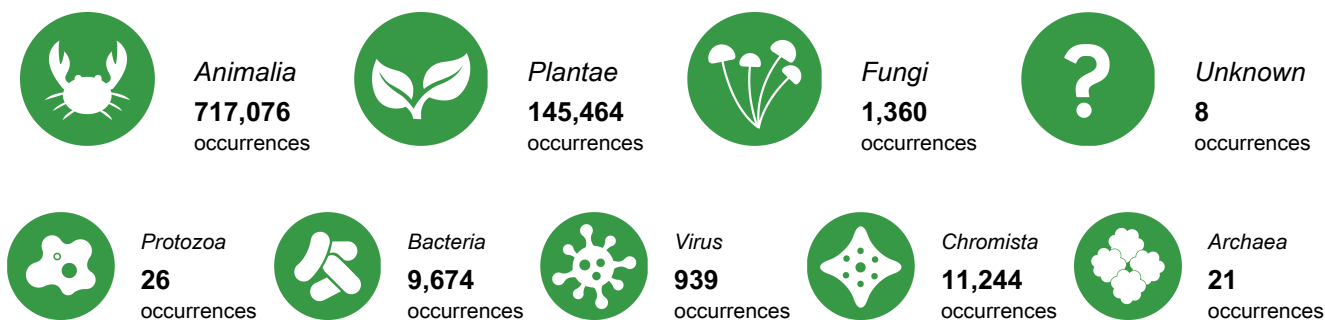
Senegal

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 Senegal. 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.

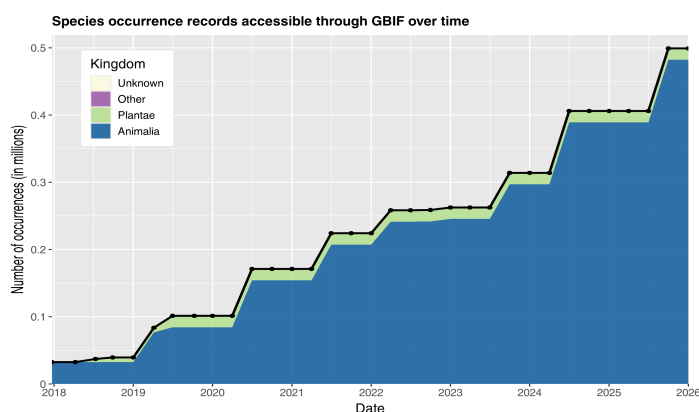
► Access and usage



► Data availability in Senegal



► Data mobilization

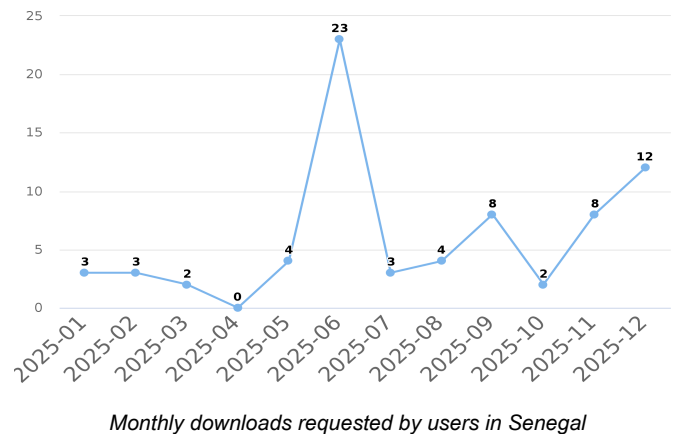
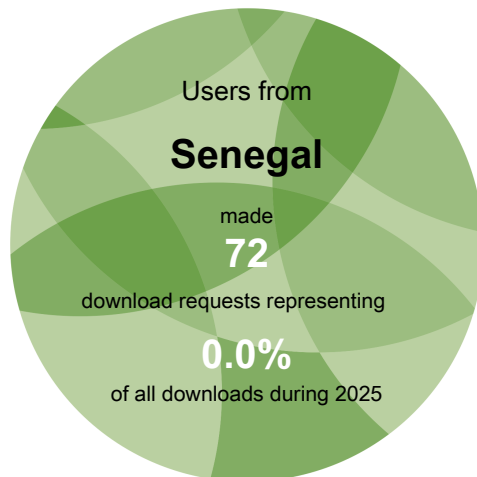


Number of records published by institutions in Senegal,
categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Senegal



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

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 Senegal.

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

Ouaba, Meutchieye, Agboka *et al.* (2025) Diversity and bio-ecology of edible caterpillars in the bimodal rainforest of Cameroon. *Journal of Insects as Food and Feed*.
<https://doi.org/10.1163/23524588-bja10231>

Mingou, Gueye, Bayet *et al.* (2024) First records of *Selaginella kraussiana* and *Selaginella subcordata* from Senegal (Selaginellaceae). *Biodiversity Data Journal*.
<https://doi.org/10.3897/bdj.12.e134350>

Sambou, Koné, Sane *et al.* (2024) Impact of climate change on the habitat range and distribution of *Cordyla pinnata*, *Faidherbia albida* and *Balanites aegyptiaca* in Senegal. *Modeling Earth Systems and Environment*.
<https://doi.org/10.1007/s40808-023-01935-8>

Tavares, Assis, Patrício *et al.* (2022) Seagrass Connectivity on the West Coast of Africa Supports the Hypothesis of Grazer-Mediated Seed Dispersal. *Frontiers in Marine Science*.
<https://doi.org/10.3389/fmars.2022.809721>

Mingou, Gueye, Abotsi *et al.* (2021) Three new records of fern species (Polypodiopsida) in Senegal, from Dindefelo Falls, Kedougou region. *Check List*.
<https://doi.org/10.15560/17.3.923>

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



Data availability

Total data available for selected taxonomic groups in Senegal



Mammals
16,886
occurrences



Birds
610,025
occurrences



Bony fish
24,537
occurrences



Amphibians
1,676
occurrences



Insects
20,334
occurrences



Reptiles
3,593
occurrences



Molluscs
17,880
occurrences



Arachnids
1,142
occurrences



Flowering plants
144,141
occurrences



Ferns
463
occurrences



Gymnosperms
29
occurrences



Mosses
196
occurrences



Sac fungi
292
occurrences



Basidiomycota
727
occurrences

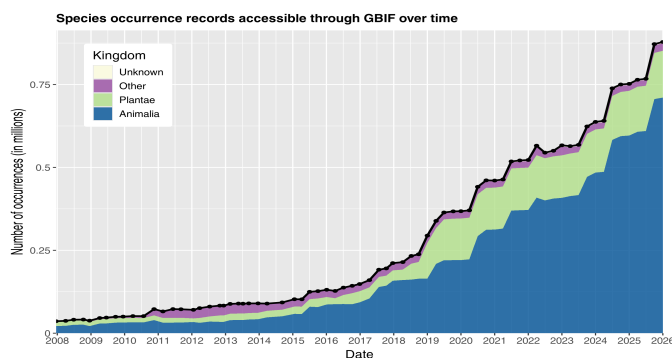
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

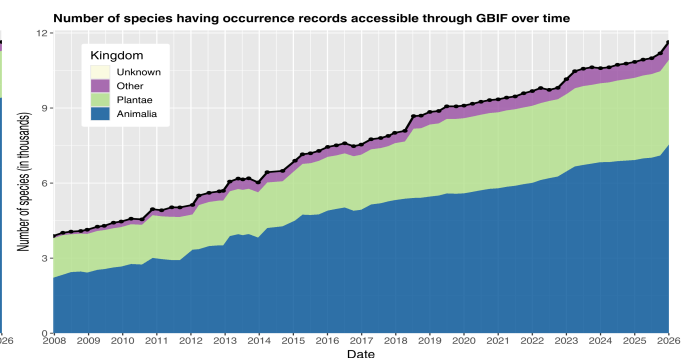
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Senegal



Occurrence records available about species occurring in Senegal



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

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 Senegal

Bird biodiversity in Ferlo (North of Senegal). *Published by Observatoire Hommes-Milieux international Téssékéré*
<https://doi.org/10.15468/u484g6>

Large wild mammals in Ferlo (North of Senegal)_Trapping data. *Published by Observatoire Hommes-Milieux international Téssékéré*
<https://doi.org/10.15468/tr6zfp>

Large wild mammals in Ferlo (North of Senegal). *Published by Observatoire Hommes-Milieux international Téssékéré*
<https://doi.org/10.15468/k6vut5>

Oiseaux du réseau des Aires Marines Communautaires Protégées du Sénégal. *Published by Institut des Sciences de l'Environnement*
<https://doi.org/10.15468/4qfkyw>

Données d'observation sur l'avifaune du Sénégal dans la région de Saint Louis. *Published by Institut des Sciences de l'Environnement*
<https://doi.org/10.15468/hcpflu>

Dénombrement des oiseaux d'eau du Sénégal de 2016 à 2018. *Published by Institut des Sciences de l'Environnement*
<https://doi.org/10.15468/ypcbdi>

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

Newest publishers from Senegal

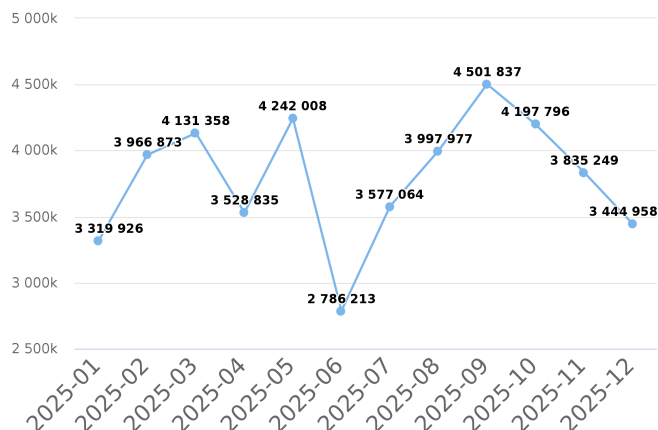
Observatoire Hommes-Milieux international Téssékéré

Institut Fondamental d'Afrique Noire / Cheikh Anta Diop
(IFAN Ch. A. Diop)

Institut des Sciences de l'Environnement

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

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

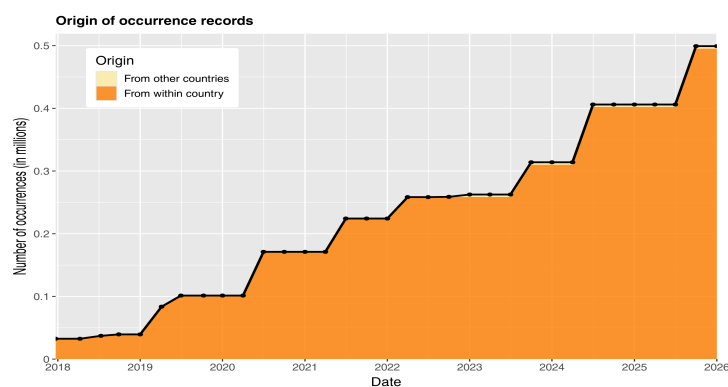


Number of occurrence records downloaded via
GBIF.org published by institutions in Senegal

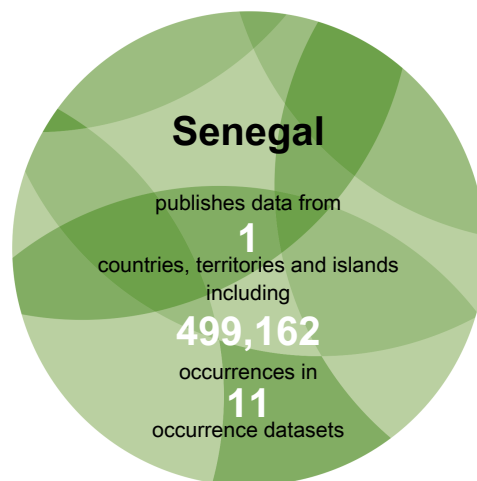


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Senegal

Rank	Country or area	No. of occurrences
1	Senegal	499,162
2	France	101,052
3	Belgium	83,215
4	Netherlands	53,197
5	United States of America	52,988
6	United Kingdom	19,547
7	Germany	17,190
8	Sweden	15,872
9	Denmark	8,238
10	Switzerland	7,042

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

Top datasets contributing data about Senegal

EOD – eBird Observation Dataset. *469,954 occurrences in Senegal.* (Last updated 29 Oct 2025)

FLOTROP, a massive contribution to plant diversity data for open ecosystems in Tropical Africa.. *57,138 occurrences in Senegal.* (Last updated 28 Aug 2019)

Observation.org, Nature data from around the World. *43,912 occurrences in Senegal.* (Last updated 16 Dec 2025)

iNaturalist Research-grade Observations. *18,123 occurrences in Senegal.* (Last updated 31 Dec 2025)

Meise Botanic Garden Herbarium (BR). *16,879 occurrences in Senegal.* (Last updated 22 Jul 2025)

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



Senegal participates in the following projects coordinated by GBIF

Senegalese National Information System on Biodiversity - SENBIO-INFOS

BID: Biodiversity Information for Development, 2016–2018

This project establishes the Senegalese National Information System on Biodiversity - SENBIO-INFOS to enable access to data related to species in the country.

<https://www.gbif.org/project/82736>

See all GBIF projects

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