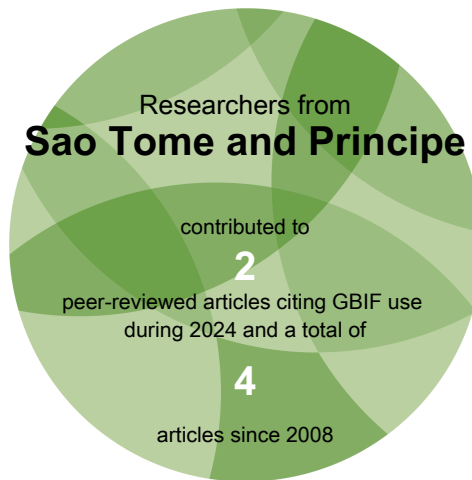


generated January 2025

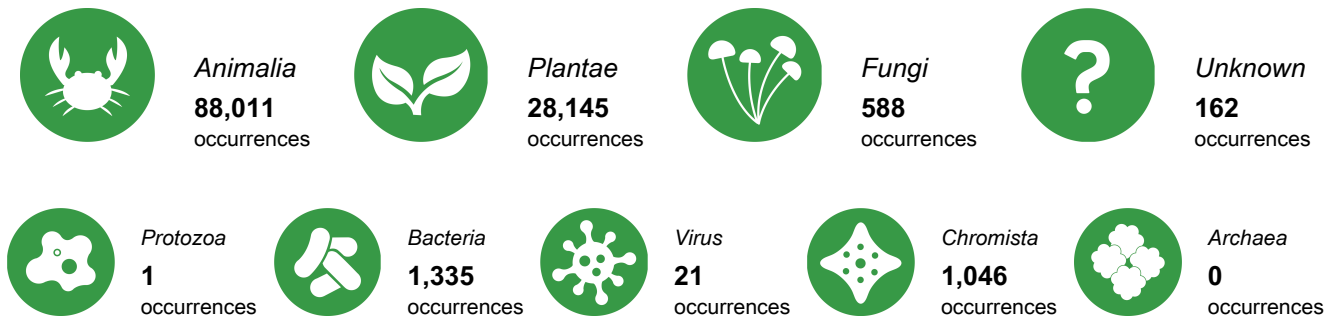
Sao Tome and Principe

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 Sao Tome and Principe. 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.

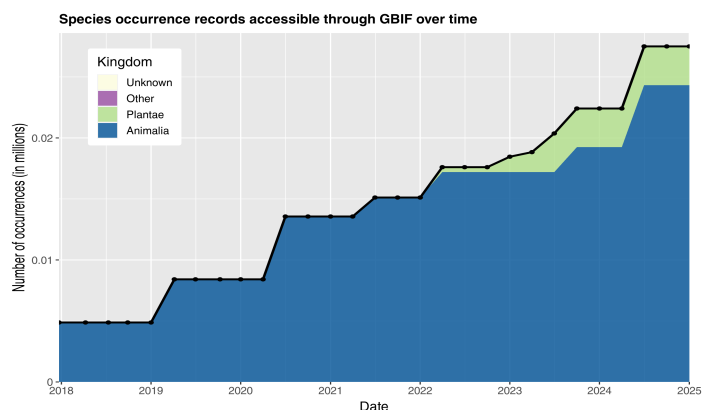
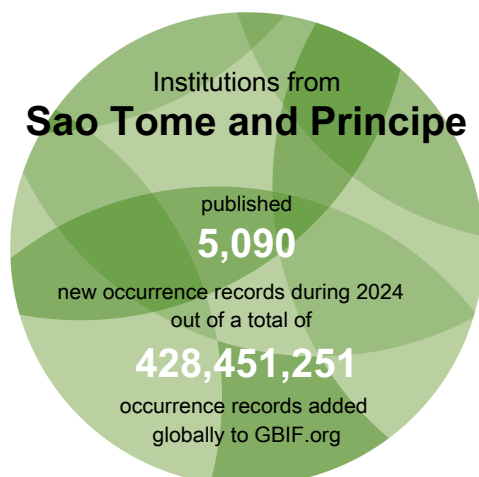
► Access and usage



► Data availability in Sao Tome and Principe



► Data mobilization

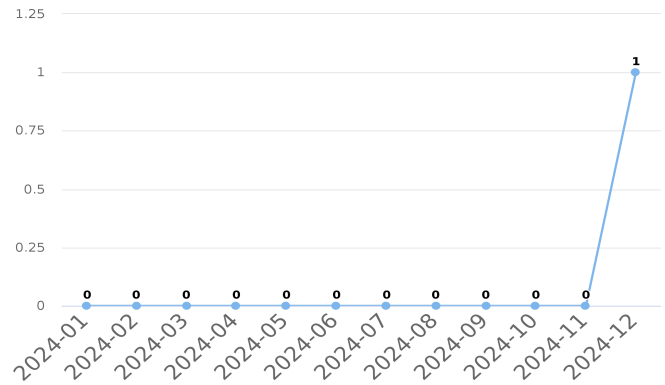
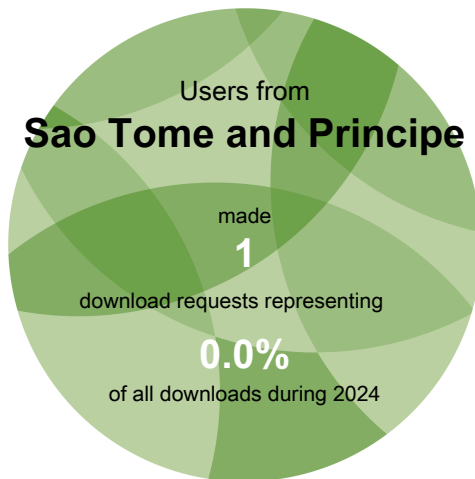


Number of records published by institutions in Sao Tome and Principe, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Sao Tome and Principe



Monthly downloads requested by users in Sao Tome and Principe

Recent peer-reviewed articles using GBIF-mediated data by co-authors based in Sao Tome and Principe

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 Sao Tome and Principe.

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

Womersley, Sousa, Humphries *et al.* (2024) Climate-driven global redistribution of an ocean giant predicts increased threat from shipping. *Nature Climate Change*.
<https://doi.org/10.1038/s41558-024-02129-5>

Alves, dos Santos, Guedes *et al.* (2024) Reassessment of the conservation status of *Crocidura fingui*, a shrew endemic to Príncipe Island, Gulf of Guinea. *Oryx*.
<https://doi.org/10.1017/s0030605323001874>

Tavares, Assis, Larkin *et al.* (2023) Long range gene flow beyond predictions from oceanographic transport in a tropical marine foundation species. *Scientific Reports*.
<https://doi.org/10.1038/s41598-023-36367-y>

Tavares, Assis, Patricio *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>

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



Data availability

Total data available for selected taxonomic groups in Sao Tome and Principe



Mammals
37,954
occurrences



Birds
29,936
occurrences



Bony fish
2,204
occurrences



Amphibians
4,223
occurrences



Insects
8,091
occurrences



Reptiles
1,726
occurrences



Molluscs
1,666
occurrences



Arachnids
153
occurrences



Flowering plants
24,405
occurrences



Ferns
1,797
occurrences



Gymnosperms
59
occurrences



Mosses
814
occurrences



Sac fungi
238
occurrences



Basidiomycota
344
occurrences

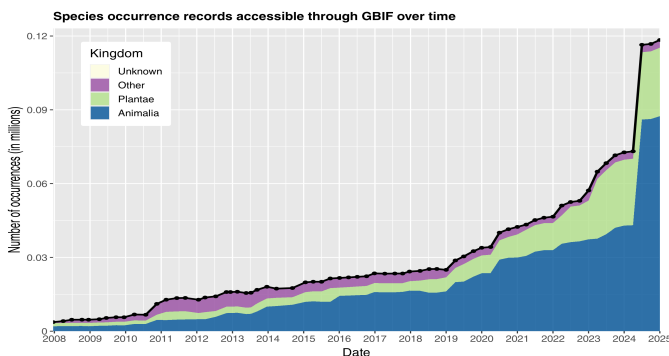
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

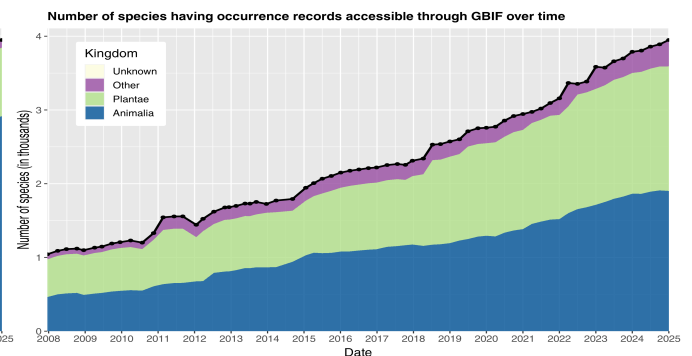
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Sao Tome and Principe



Occurrence records available about species occurring in Sao Tome and Principe



Species for which at least one occurrence record is available in Sao Tome and Principe

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 Sao Tome and Principe

Transects performed at S. Tome Island - Project Flora Ameaçada. *Published by National Herbarium of São Tomé and Príncipe (STPH)*
<https://doi.org/10.15468/4uz49f>

National Herbarium of São Tomé and Príncipe (STPH). *Published by National Herbarium of São Tomé and Príncipe (STPH)*
<https://doi.org/10.15468/bktv9j>

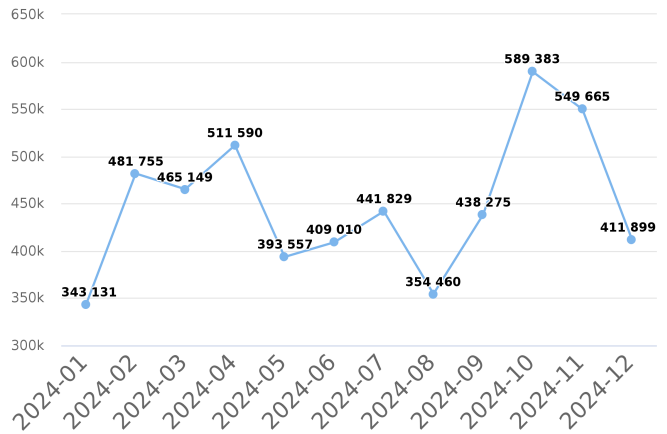
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=ST

Newest publishers from Sao Tome and Principe

National Herbarium of São Tomé and Príncipe (STPH)

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

Occurrence records downloaded from GBIF.org, published by institutions in Sao Tome and Principe

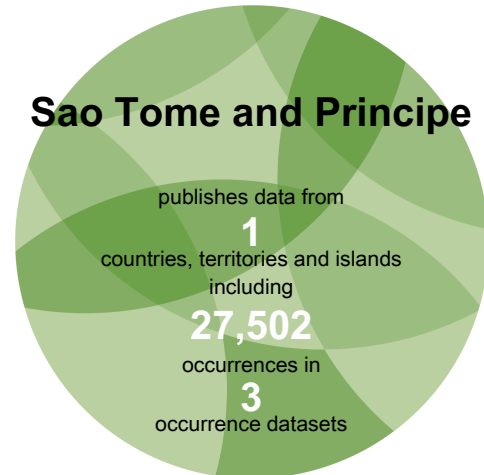
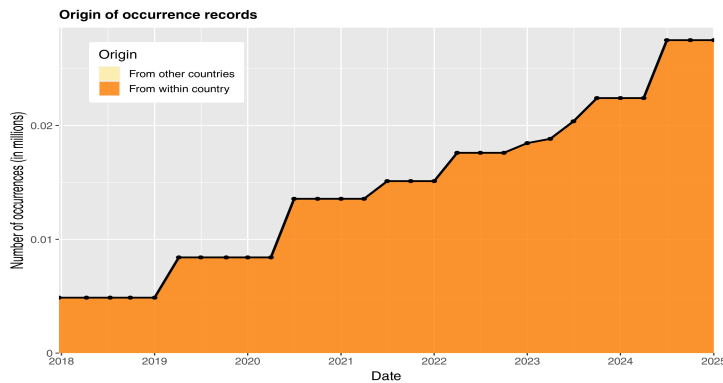


Number of occurrence records downloaded via GBIF.org published by institutions in Sao Tome and Principe



Data mobilization

Data sharing with country or area of origin by national institutions in Sao Tome and Principe



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Sao Tome and Principe

Rank	Country or area	No. of occurrences
1	Portugal	45,730
2	Sao Tome and Principe	27,502
3	United States of America	25,686
4	United Kingdom	6,479
5	Netherlands	2,532
6	Germany	2,209
7	Belgium	2,084
8	France	1,728
9	South Africa	1,042
10	Poland	796

Table 1. Ranking of countries or areas contributing data about Sao Tome and Principe

Top datasets contributing data about Sao Tome and Principe

Insectivorous bat activity dataset across different land-use types in the islands of São Tomé and Príncipe. *37,274 occurrences in Sao Tome and Principe.* (Last updated 21 Nov 2024)

EOD – eBird Observation Dataset. *24,332 occurrences in Sao Tome and Principe.* (Last updated 27 Sep 2024)

Tropicos Specimens Non-MO. *11,141 occurrences in Sao Tome and Principe.* (Last updated 4 Jan 2025)

Natural History Museum (London) Collection Specimens. *4,580 occurrences in Sao Tome and Principe.* (Last updated 3 Jan 2025)

iNaturalist Research-grade Observations. *3,815 occurrences in Sao Tome and Principe.* (Last updated 30 Dec 2024)

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



Sao Tome and Principe participates in the following projects coordinated by GBIF

Unlocking data on plant biodiversity for decision-making in São Tomé and Príncipe

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-AF2020-127-INS>

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