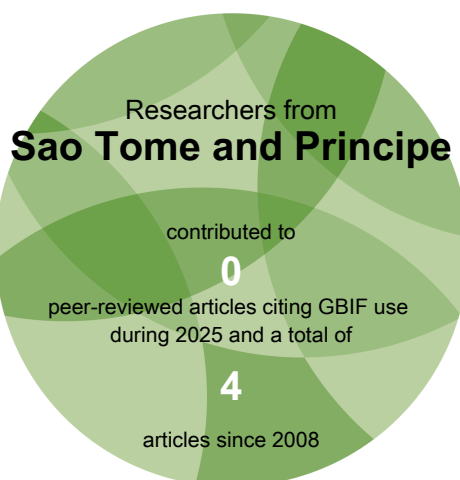


generated January 2026

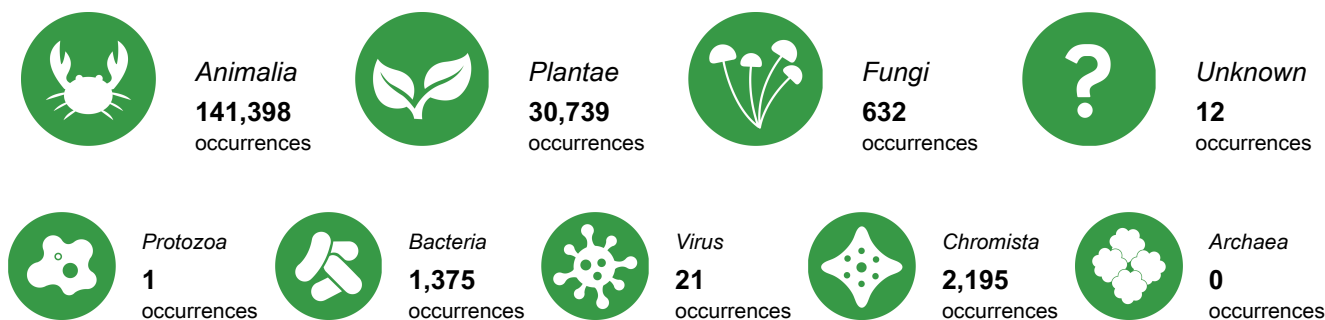
## Sao Tome and Principe

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.

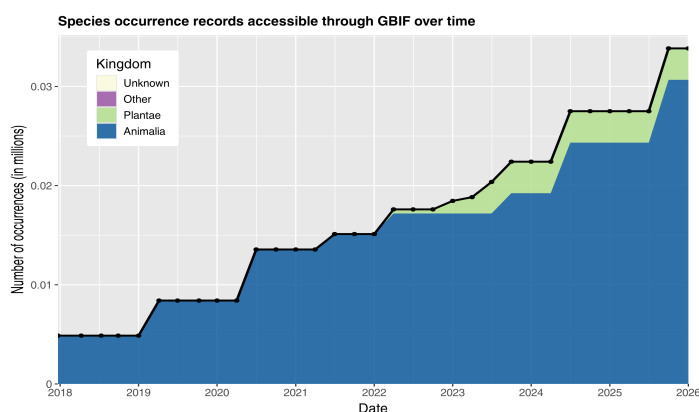
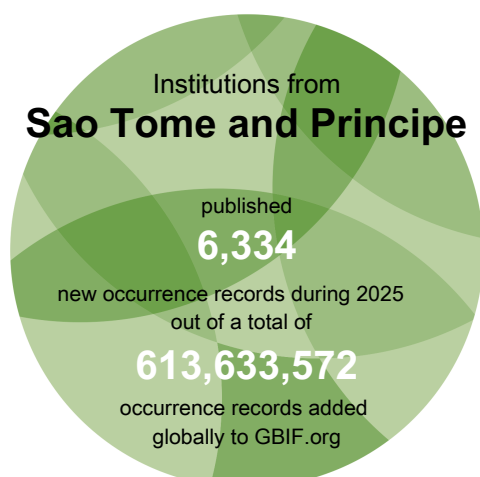
### ► Access and usage



### ► Data availability in Sao Tome and Principe



### ► Data mobilization

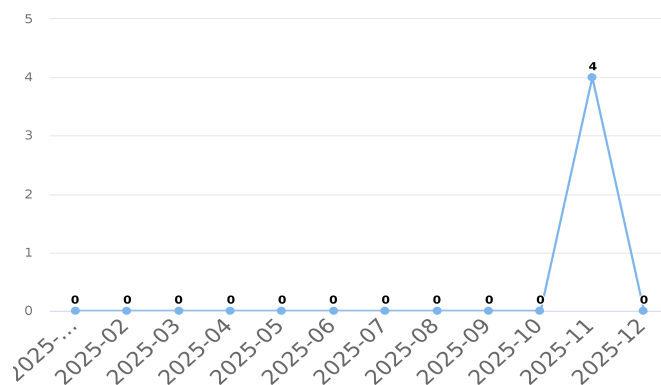
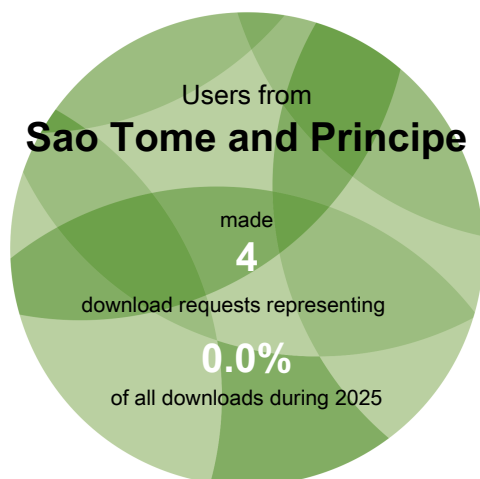


Number of records published by institutions in Sao  
Tome and Principe, categorized by kingdom



## 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](mailto: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 fungui*, 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](https://gbif.org/country/ST/publications/from)



## Data availability

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



**Mammals**  
**38,019**  
occurrences



**Birds**  
**44,545**  
occurrences



**Bony fish**  
**2,541**  
occurrences



**Amphibians**  
**4,288**  
occurrences



**Insects**  
**43,689**  
occurrences



**Reptiles**  
**1,846**  
occurrences



**Molluscs**  
**1,699**  
occurrences



**Arachnids**  
**1,737**  
occurrences



**Flowering plants**  
**26,859**  
occurrences



**Ferns**  
**1,916**  
occurrences



**Gymnosperms**  
**73**  
occurrences



**Mosses**  
**817**  
occurrences



**Sac fungi**  
**247**  
occurrences



**Basidiomycota**  
**378**  
occurrences

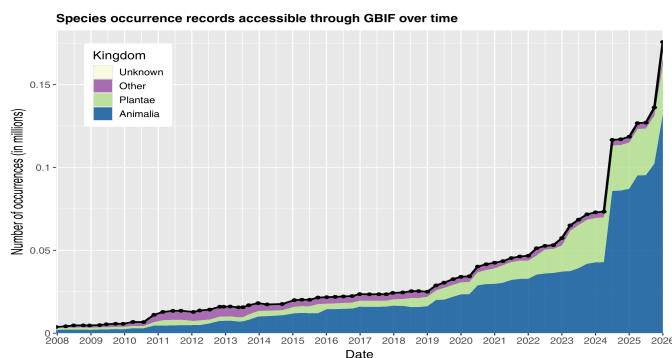
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

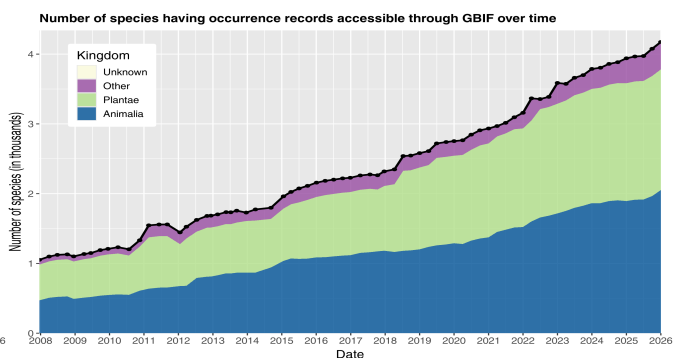
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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>

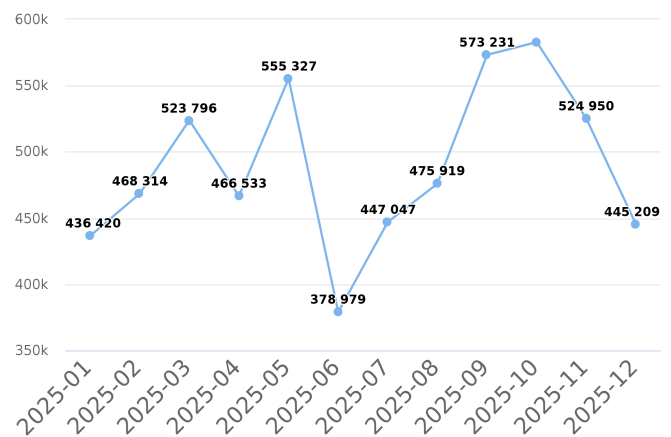
See all datasets from this country or area: [gbif.org/dataset/search?publishing\\_country=ST](https://gbif.org/dataset/search?publishing_country=ST)

## 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](https://gbif.org/publisher/search?country=ST)

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

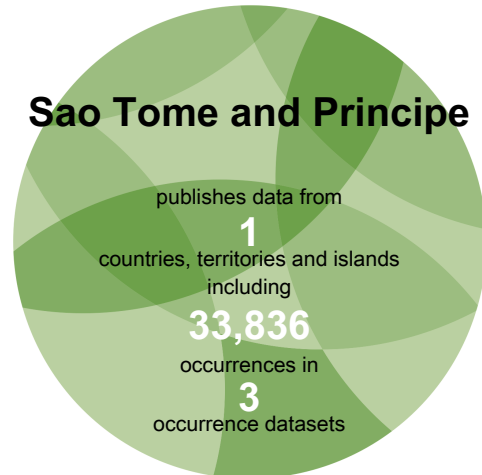
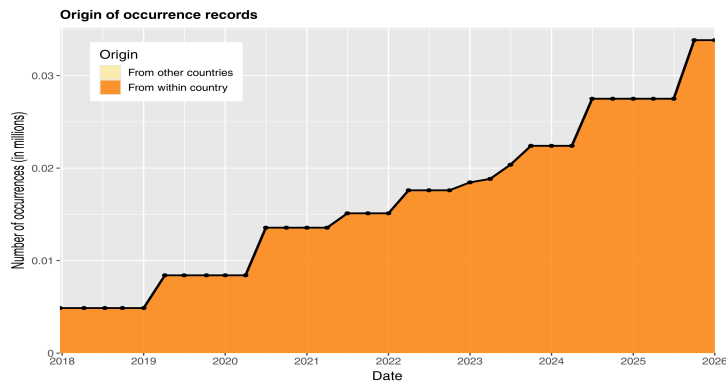


Number of occurrence records downloaded via  
GBIF.org published by institutions in Sao Tome and  
Principe



## 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                                      | 54,433             |
| 2    | International organization or unknown country | 38,231             |
| 3    | Sao Tome and Principe                         | 33,836             |
| 4    | United States of America                      | 28,170             |
| 5    | United Kingdom                                | 6,705              |
| 6    | Belgium                                       | 3,671              |
| 7    | Netherlands                                   | 2,630              |
| 8    | Germany                                       | 2,238              |
| 9    | France                                        | 1,723              |
| 10   | South Africa                                  | 1,042              |

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

### Top datasets contributing data about Sao Tome and Principe

International Barcode of Life project (iBOL). 38,197 occurrences in Sao Tome and Principe. (Last updated 28 Nov 2025)

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. 30,666 occurrences in Sao Tome and Principe. (Last updated 29 Oct 2025)

Tropicos Specimens Non-MO. 12,137 occurrences in Sao Tome and Principe. (Last updated 31 Dec 2025)

Bird Ringing Database Across Several African Countries. 7,741 occurrences in Sao Tome and Principe. (Last updated 27 Feb 2025)

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