

generated January 2025

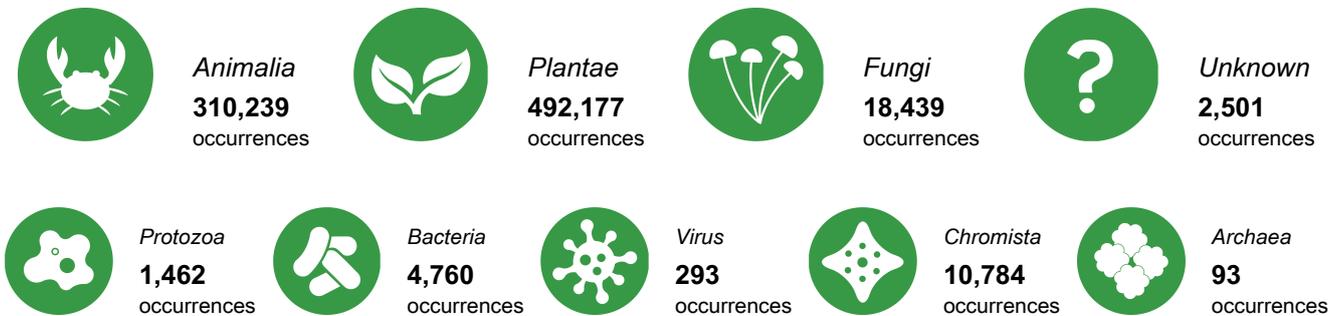
## Réunion

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 Réunion. 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.

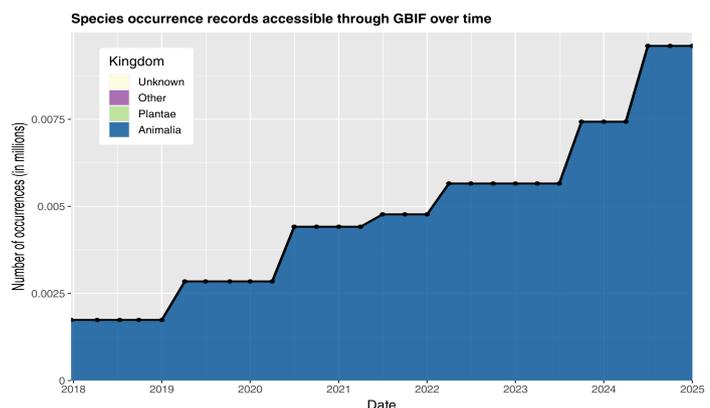
### ► Access and usage



### ► Data availability in Réunion



### ► Data mobilization

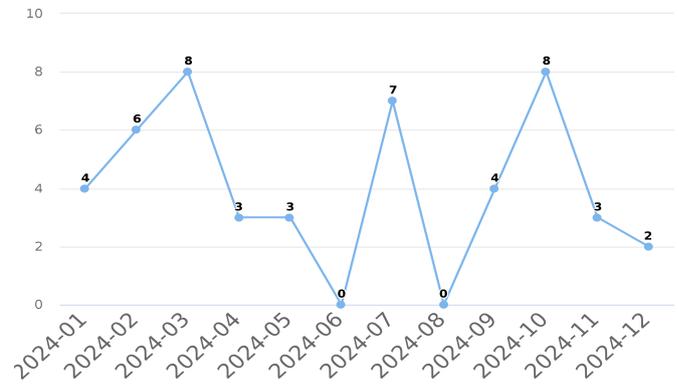
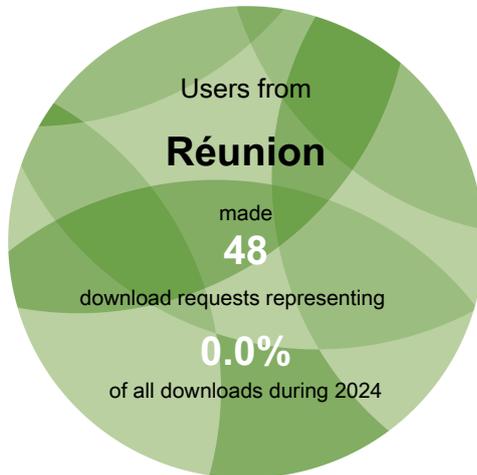


Number of records published by institutions in Réunion, categorized by kingdom



## Access and usage

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



Monthly downloads requested by users in Réunion

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

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 Réunion.

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).

Randrianarimanana, Wilding, Pócs *et al.* (2023) A checklist of the mosses and liverworts of the Parc National de Marojejy, northeastern Madagascar. *Malagasy Nature*.

Strona, Lafferty, Fattorini *et al.* (2021) Global tropical reef fish richness could decline by around half if corals are lost. *Proceedings of the Royal Society B: Biological Sciences*.

<https://doi.org/10.1098/rspb.2021.0274>

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



### Data availability

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



**Mammals**  
28,987  
occurrences



**Birds**  
131,821  
occurrences



**Bony fish**  
27,884  
occurrences



**Amphibians**  
1,300  
occurrences



**Insects**  
32,695  
occurrences



**Reptiles**  
53,439  
occurrences



**Molluscs**  
14,007  
occurrences



**Arachnids**  
2,395  
occurrences



**Flowering plants**  
404,827  
occurrences



**Ferns**  
57,729  
occurrences



**Gymnosperms**  
646  
occurrences



**Mosses**  
16,049  
occurrences



**Sac fungi**  
12,268  
occurrences



**Basidiomycota**  
4,168  
occurrences

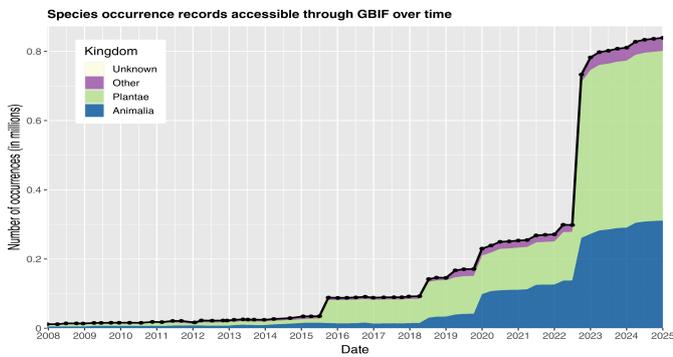
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

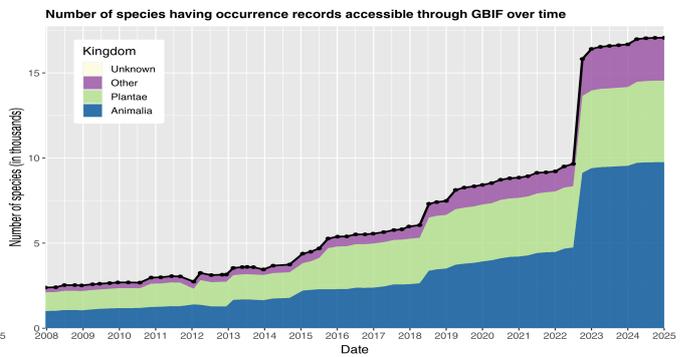
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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

#### Change over time in records about biodiversity in Réunion



Occurrence records available about species occurring in Réunion



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

#### 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.

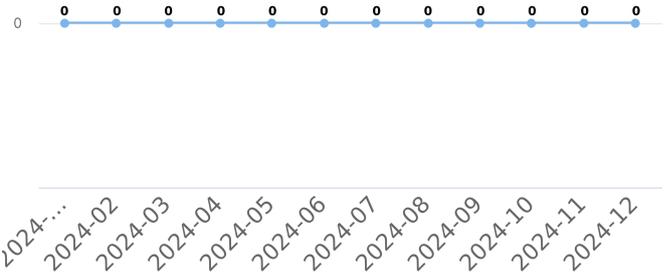
**SPECIES COUNTS** represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



### Newest publishers from Réunion

No data available

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



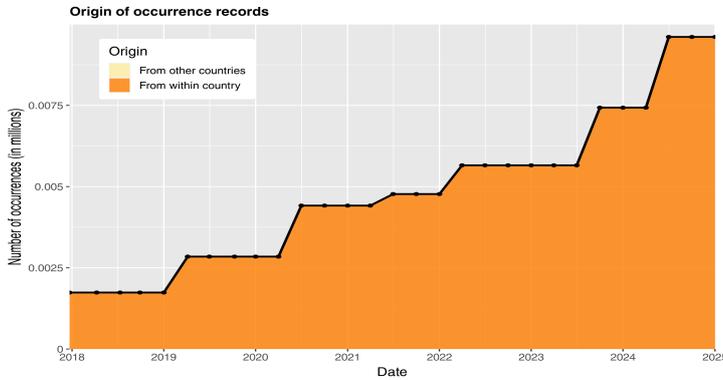
See all publishers from this country or area  
[gbif.org/publisher/search?country=RE](https://gbif.org/publisher/search?country=RE)

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



## Data mobilization

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



Data sharing with country or area of origin

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

### Top data contributors about biodiversity in Réunion

Rank	Country or area	No. of occurrences
1	France	726,669
2	United States of America	33,564
3	United Kingdom	21,590
4	Belgium	15,539
5	Estonia	12,692
6	Réunion	9,606
7	Germany	6,343
8	Netherlands	3,411
9	International organization or unknown country	2,394
10	Canada	1,759

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

### Top datasets contributing data about Réunion

Données d'observations floristiques agrégées au sein de Mascarin (CBN-CPIE Mascarin) - Données d'observations floristiques acquises par le CBN-CPIE Mascarin. *240,486 occurrences in Réunion.* (Last updated 16 Dec 2022)

INPN - Données flore des CBN agrégées par la FCBN. *53,148 occurrences in Réunion.* (Last updated 7 Nov 2017)

Suivi des déplacements de tortues marines par télémétrie à La Réunion (STMR\_4\_STTM) - Suivi des déplacements de tortues marines par télémétrie à La Réunion sur la période 2008-2017. *34,523 occurrences in Réunion.* (Last updated 17 Dec 2022)

Données d'occurrences Espèces issues de l'inventaire des ZNIEFF. *26,404 occurrences in Réunion.* (Last updated 24 Feb 2022)

Activité générale du bureau d'étude BIOTOPE (1994 - 2013) - Données acquises dans le cadre de l'activité du bureau d'étude BIOTOPE Océan Indien depuis 2003. *22,281 occurrences in Réunion.* (Last updated 17 Dec 2022)

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