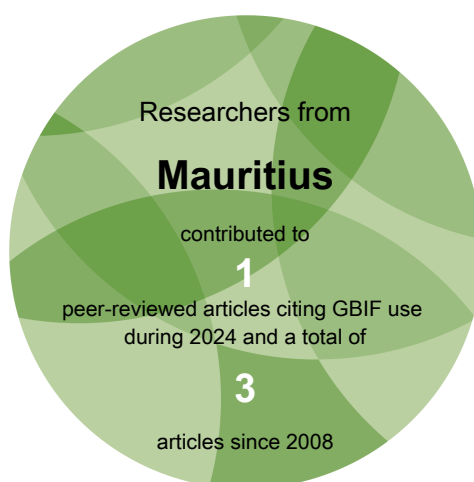


generated January 2025

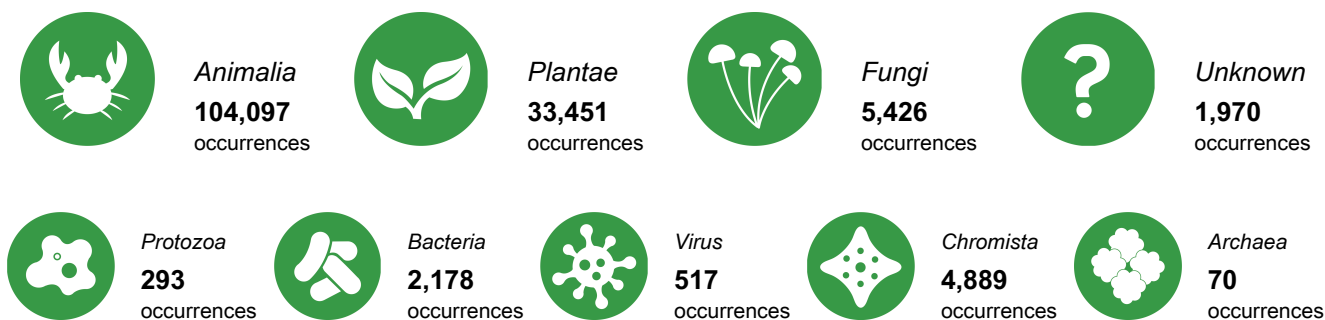
Mauritius

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 Mauritius. 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.

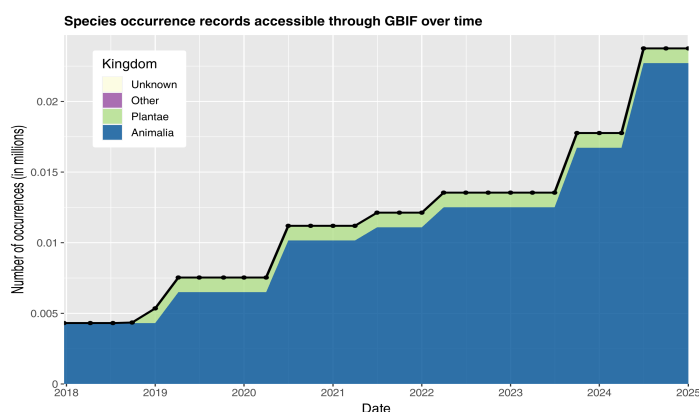
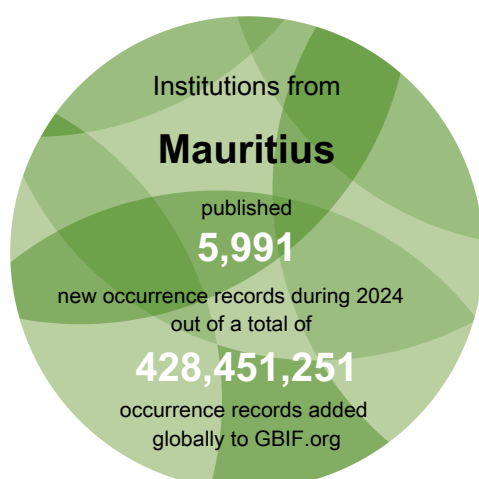
► Access and usage



► Data availability in Mauritius



► Data mobilization

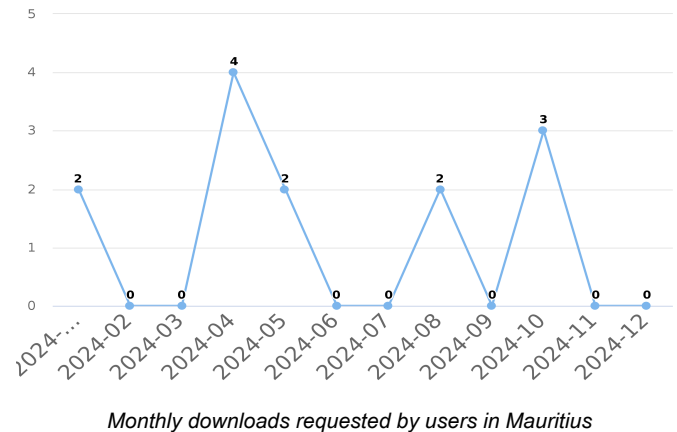
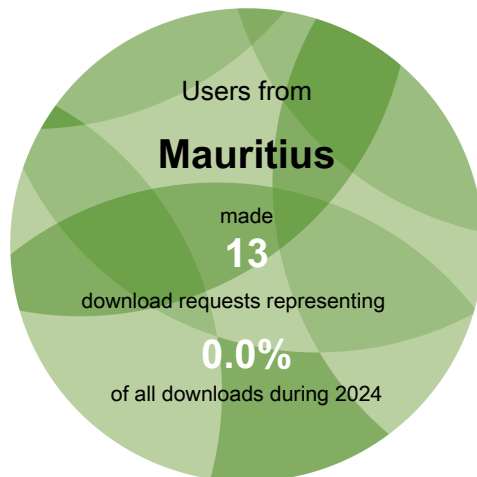


Number of records published by institutions in
Mauritius, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Mauritius



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

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 Mauritius.

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

Ackerman, Recart, Soifer *et al.* (2024) Invasions of the bamboo orchid: performance variability on islands oceans apart. *Biological Invasions*.
<https://doi.org/10.1007/s10530-024-03442-y>

Dulloo, Gaisberger, Kell *et al.* (2022) Planning complementary conservation of crop wild relative diversity in southern Africa. *Diversity and Distributions*.
<https://doi.org/10.1111/ddi.13512>

Gomes, IJff, Raes *et al.* (2018) Species Distribution Modelling: Contrasting presence-only models with plot abundance data. *Scientific Reports*.
<https://doi.org/10.1038/s41598-017-18927-1>

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



Data availability

Total data available for selected taxonomic groups in Mauritius



Mammals
1,459
occurrences



Birds
34,953
occurrences



Bony fish
18,715
occurrences



Amphibians
200
occurrences



Insects
13,522
occurrences



Reptiles
3,162
occurrences



Molluscs
21,147
occurrences



Arachnids
543
occurrences



Flowering plants
22,147
occurrences



Ferns
3,533
occurrences



Gymnosperms
24
occurrences



Mosses
3,101
occurrences



Sac fungi
4,133
occurrences



Basidiomycota
781
occurrences

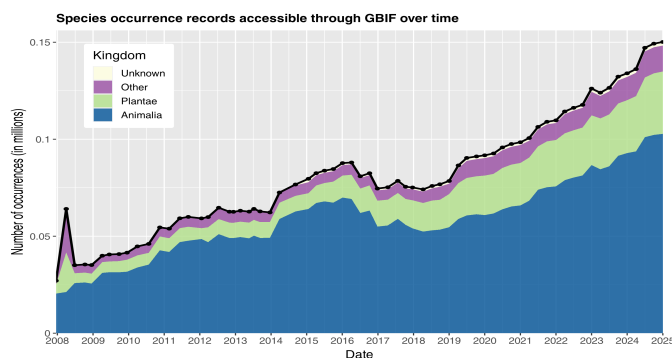
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

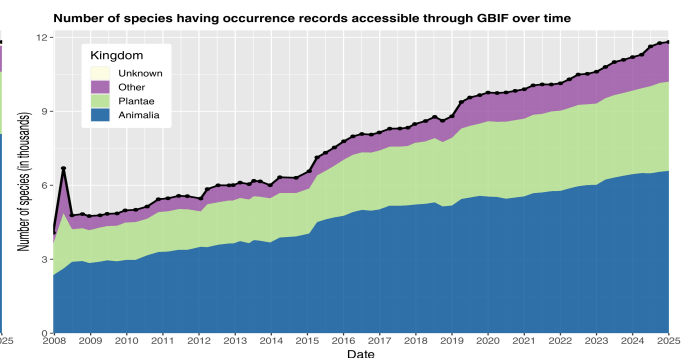
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Mauritius



Occurrence records available about species occurring in Mauritius



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

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 Mauritius

Checklist of the flowering plants of the island of Rodrigues, Indian Ocean. *Published by The Mauritius Herbarium*

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

Checklist of flowering plants of the island of Mauritius, Indian Ocean. *Published by The Mauritius Herbarium*

<https://doi.org/10.15468/7ws1fk>

Checklist of recorded insects from literature associated with non-crop plants growing in organic field of Mauritius. *Published by The Mauritius Herbarium*

<https://doi.org/10.15468/9hczsd>

Checklist of non-crop plants in organic fields of Mauritius. *Published by The Mauritius Herbarium*

<https://doi.org/10.15468/z50cwv>

Terre d'huiles. *Published by TERRE D'HUILES*

<https://doi.org/10.15468/wr1vhd>

Monitoring of non-crop plants in organic fields of Mauritius. *Published by The Mauritius Herbarium*

<https://doi.org/10.15468/a91rgh>

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

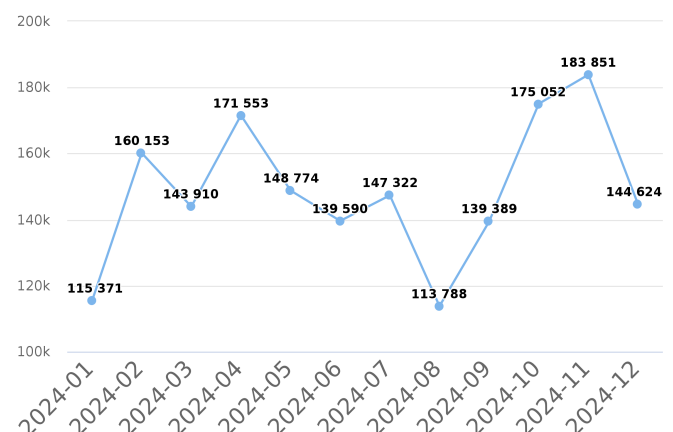
Newest publishers from Mauritius

TERRE D'HUILES

The Mauritius Herbarium

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

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

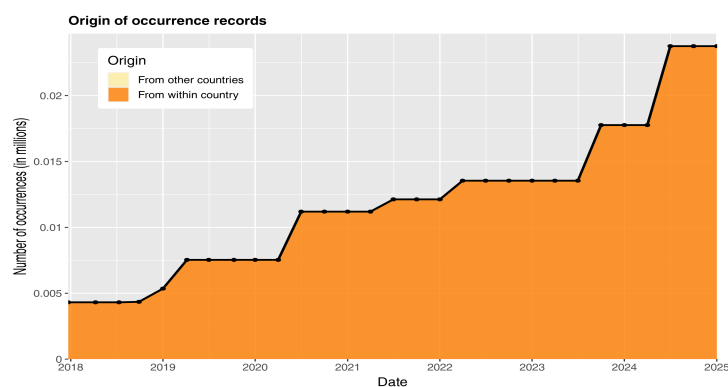


Number of occurrence records downloaded via
GBIF.org published by institutions in Mauritius

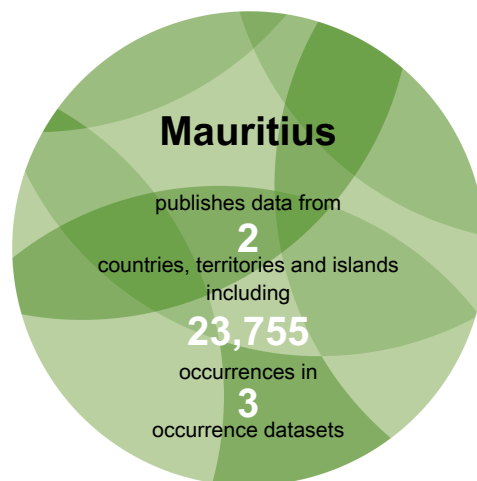


Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Mauritius

Rank	Country or area	No. of occurrences
1	United States of America	41,689
2	United Kingdom	23,858
3	Mauritius	23,737
4	France	17,194
5	South Africa	8,557
6	Australia	6,747
7	Netherlands	5,779
8	Belgium	5,568
9	Germany	5,105
10	International organization or unknown country	2,846

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

Top datasets contributing data about Mauritius

EOD – eBird Observation Dataset. 22,715 occurrences in Mauritius. (Last updated 27 Sep 2024)

iNaturalist Research-grade Observations. 9,593 occurrences in Mauritius. (Last updated 30 Dec 2024)

Natural History Museum (London) Collection Specimens. 8,450 occurrences in Mauritius. (Last updated 3 Jan 2025)

NMNH Extant Specimen Records (USNM, US). 7,630 occurrences in Mauritius. (Last updated 2 Jan 2025)

ecoscope_observation_database. 4,818 occurrences in Mauritius. (Last updated 18 Aug 2016)

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



Mauritius participates in the following projects coordinated by GBIF

Getting the plants to all: dissemination of information from the collection of The Mauritius Herbarium

BID: Biodiversity Information for Development, 2017–2019

With Le Vélo Vert initiating a pilot to mainstream organic agriculture, data sharing would demonstrate the value of cooperation, correct identification and suggest best non-crop species to help improving organic farming. The project is expected to integrate stakeholders of different fields to improve perspectives and multidisciplinary, much needed to face the increasing problems of declining biodiversity and resources, with growing human population.

<https://www.gbif.org/project/aRCxBBF1BYU2C0us62ea4>

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