

generated January 2026

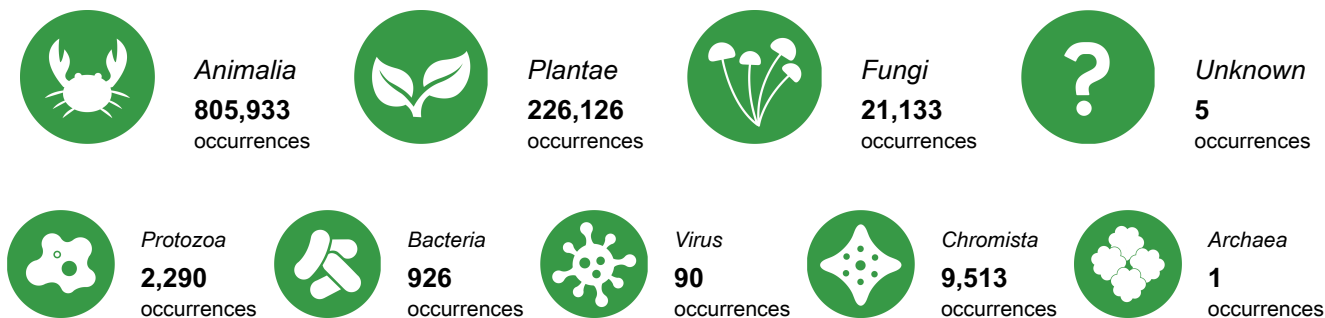
## Jamaica

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 Jamaica. 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.

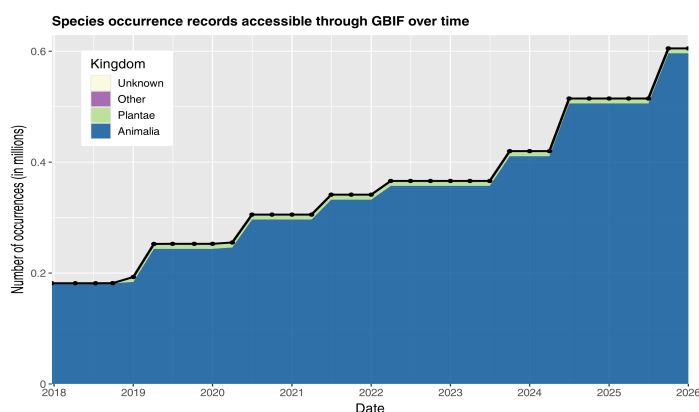
### ► Access and usage



### ► Data availability in Jamaica



### ► Data mobilization

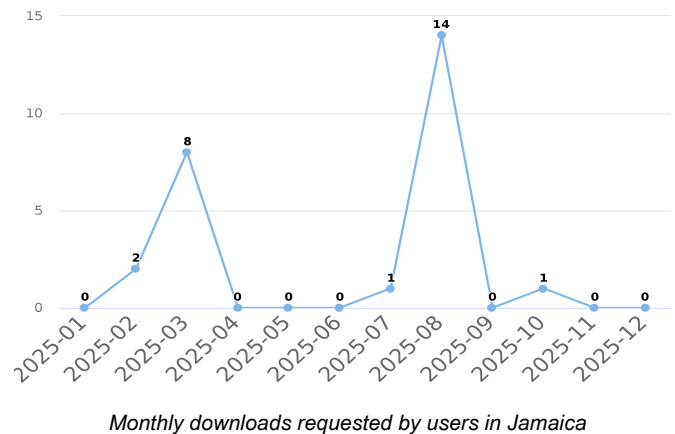
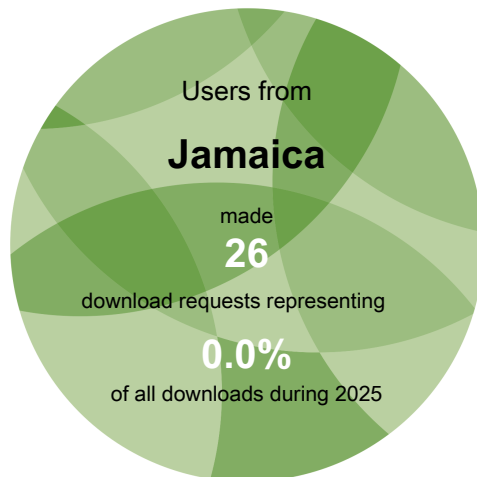


Number of records published by institutions in Jamaica,  
categorized by kingdom



## Access and usage

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



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

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 Jamaica.

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).

Owens, Lewis, Dupuis *et al.* (2017) The latitudinal diversity gradient in New World swallowtail butterflies is caused by contrasting patterns of out-of- and into-the-tropics dispersal. *Global Ecology and Biogeography*.  
<https://doi.org/10.1111/geb.12672>

Andel, Mitchell, Volpato *et al.* (2012) In search of the perfect aphrodisiac: parallel use of bitter tonics in West Africa and the Caribbean.. *Journal of ethnopharmacology*.  
<https://doi.org/10.1016/j.jep.2012.08.008>

Vandebroek, Picking, Aiken *et al.* (2018) A Review of Coralilla (Antigonon leptopus): An Invasive and Popular Urban Bush Medicine in Jamaica. *Economic Botany*.  
<https://doi.org/10.1007/s12231-018-9415-5>

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



## Data availability

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



**Mammals**  
**6,707**  
occurrences



**Birds**  
**609,939**  
occurrences



**Bony fish**  
**12,186**  
occurrences



**Amphibians**  
**10,698**  
occurrences



**Insects**  
**30,608**  
occurrences



**Reptiles**  
**22,306**  
occurrences



**Molluscs**  
**83,431**  
occurrences



**Arachnids**  
**2,336**  
occurrences



**Flowering plants**  
**143,397**  
occurrences



**Ferns**  
**48,069**  
occurrences



**Gymnosperms**  
**452**  
occurrences



**Mosses**  
**17,316**  
occurrences



**Sac fungi**  
**15,024**  
occurrences



**Basidiomycota**  
**5,694**  
occurrences

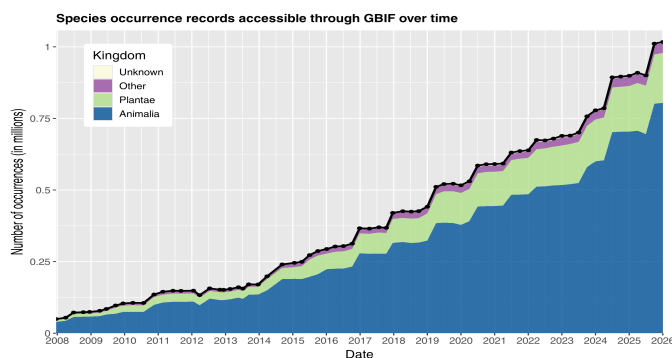
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

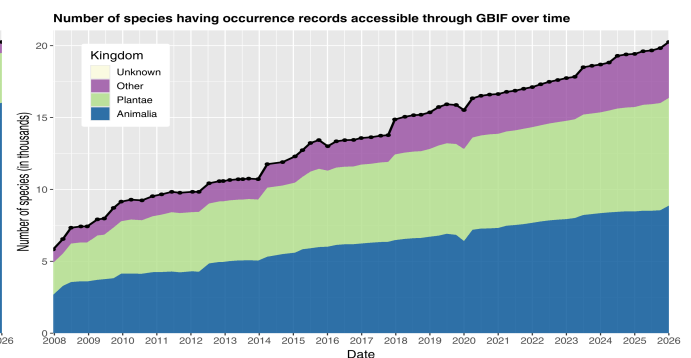
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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

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



Occurrence records available about species occurring in Jamaica



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

#### 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 Jamaica

ioj\_hemiptera\_collection. *Published by Institute of Jamaica*  
<https://doi.org/10.15468/3inygr>

ioj\_hymenoptera\_collection. *Published by Institute of Jamaica*  
<https://doi.org/10.15468/tkon7q>

ioj\_odonata\_collection. *Published by Institute of Jamaica*  
<https://doi.org/10.15468/yfejvj>

Coral Reef Monitoring for Climate Change Impacts: Jamaica 2000-2003. *Published by Caribbean Coastal Data Centre, Centre for Marine Sciences*  
<https://doi.org/10.15468/c1q4rc>

Bird Checklist for Font Hill, St. Elizabeth, Jamaica. *Published by Institute of Jamaica*  
<https://doi.org/10.15468/djcifb>

jamaica\_invasive\_alien\_species. *Published by Institute of Jamaica*  
<https://doi.org/10.15468/as3kqn>

mushrooms-nhmj-ij-2019-01-15. *Published by Institute of Jamaica*  
<https://doi.org/10.15468/hjyzts>

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

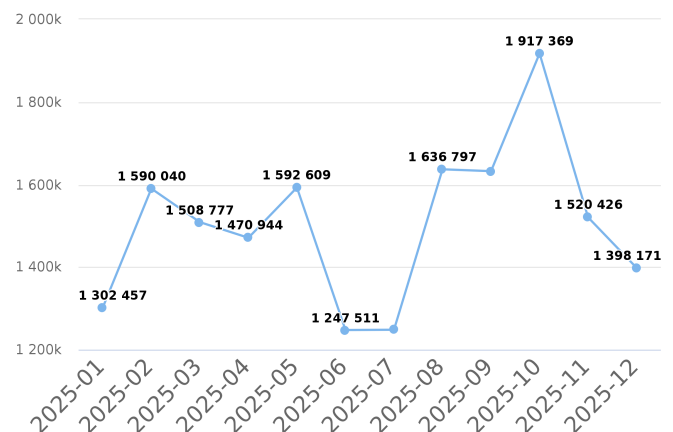
## Newest publishers from Jamaica

Caribbean Coastal Data Centre, Centre for Marine Sciences

Institute of Jamaica

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

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

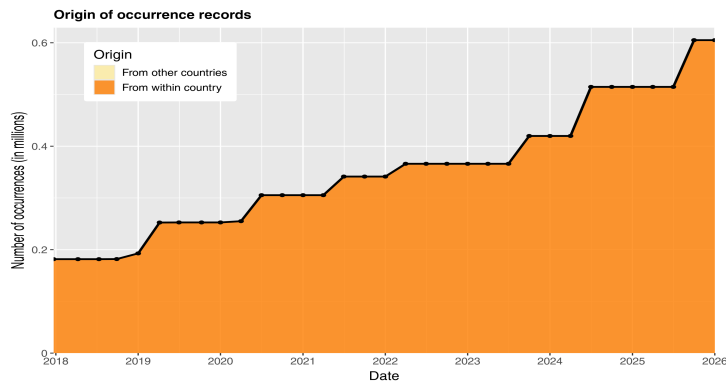


Number of occurrence records downloaded via GBIF.org published by institutions in Jamaica

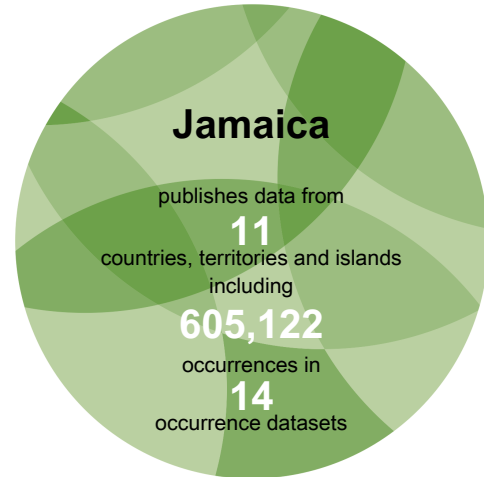


## Data mobilization

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



Data sharing with country or area of origin



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

### Top data contributors about biodiversity in Jamaica

| Rank | Country or area                               | No. of occurrences |
|------|-----------------------------------------------|--------------------|
| 1    | Jamaica                                       | 604,420            |
| 2    | United States of America                      | 360,093            |
| 3    | United Kingdom                                | 45,402             |
| 4    | Netherlands                                   | 13,779             |
| 5    | Sweden                                        | 7,284              |
| 6    | Canada                                        | 5,524              |
| 7    | Germany                                       | 5,193              |
| 8    | Venezuela                                     | 4,172              |
| 9    | Belgium                                       | 3,974              |
| 10   | International organization or unknown country | 3,544              |

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

### Top datasets contributing data about Jamaica

EOD – eBird Observation Dataset. 591,213 occurrences in Jamaica. (Last updated 29 Oct 2025)

NMNH Extant Specimen Records (USNM, US). 66,748 occurrences in Jamaica. (Last updated 2 Jan 2026)

Tropicos MO Specimen Data. 47,170 occurrences in Jamaica. (Last updated 31 Dec 2025)

The New York Botanical Garden Herbarium (NY). 38,207 occurrences in Jamaica. (Last updated 25 Dec 2025)

iNaturalist Research-grade Observations. 30,274 occurrences in Jamaica. (Last updated 31 Dec 2025)

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



## Jamaica participates in the following projects coordinated by GBIF

### Capacity building for biodiversity data sharing through the Caribbean Coastal Data Centre in Jamaica

*BID: Biodiversity Information for Development, 2017–2018*

This project will enhance capacity to organize and manage primary biodiversity data about the marine and coastal environments of Jamaica and the Caribbean.

<https://www.gbif.org/project/83232>

### Advancing Jamaican biodiversity data products and information services

*BID: Biodiversity Information for Development, 2017–2018*

This project will enable the Natural History Museum of Jamaica and its partners to strengthen collaborative ties, improve technical resources and increase access to biodiversity knowledge and data.

<https://www.gbif.org/project/83261>

See all GBIF projects

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