

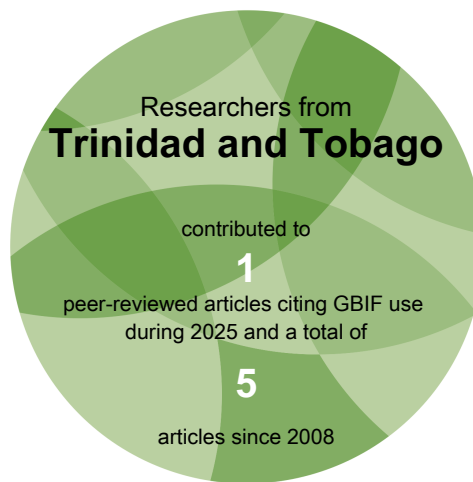


generated January 2026

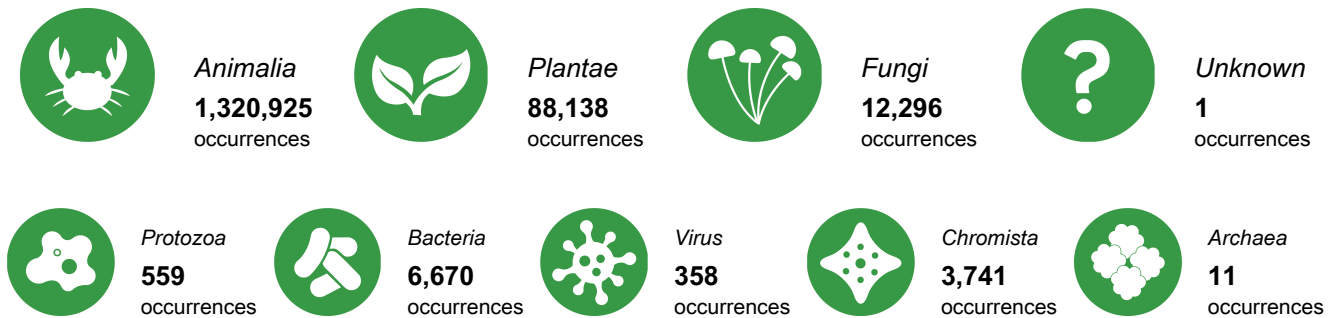
Trinidad and Tobago

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 Trinidad and Tobago. 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.

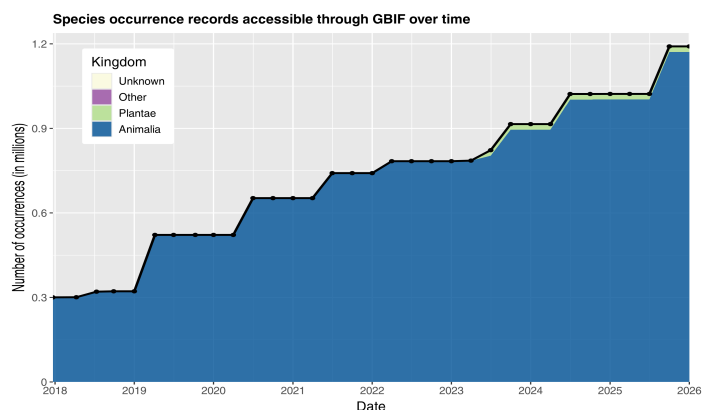
► Access and usage



► Data availability in Trinidad and Tobago



► Data mobilization

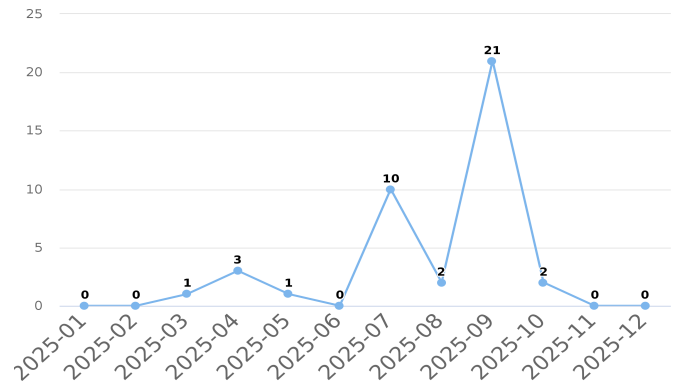
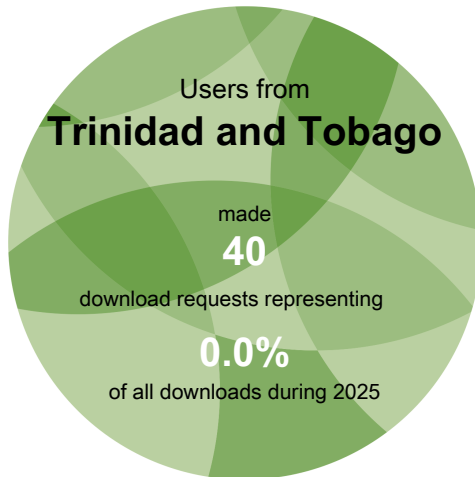


Number of records published by institutions in Trinidad and Tobago, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Trinidad and Tobago



Monthly downloads requested by users in Trinidad and Tobago

Recent peer-reviewed articles using GBIF-mediated data by co-authors based in Trinidad and Tobago

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 Trinidad and Tobago.

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

Correa, Coronado-Franco, Jézéquel *et al.* (2025) Floodplain forests drive fruit-eating fish diversity at the Amazon Basin-scale. *Proceedings of the National Academy of Sciences*.

<https://doi.org/10.1073/pnas.2414416122>

Mohammed, Fanovich. (2024) Biodiversity in the Caribbean from 1950 to the Present. *Biodiversity - Handbook of the Anthropocene in Latin America II*.

<https://doi.org/10.14361/9783839470121-021>

Jowers, Rivas, Jadin *et al.* (2020) Unearthing the species diversity of a cryptozoic snake, *Tantilla melanocephala*, in its northern distribution with emphasis on the colonization of the Lesser Antilles. *Amphibian & Reptile Conservation*.

Murphy, Muñoz-Mérida, Auguste *et al.* (2020) Evidence for cryptic diversity in the Neotropical water snake, *Helicops angulatus* (Linnaeus, 1758)(Dipsadidae, Hydropsini), with comments on its ecology, facultative *Amphibian & Reptile Conservation*.

Belford, Phillip, Rutherford *et al.* (2019) Biodiversity of Coral Reef Communities in Marginal Environments along the North-Eastern Coast of Trinidad, Southern Caribbean. *Progress in Aqua Farming and Marine Biology*.

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



Data availability

Total data available for selected taxonomic groups in Trinidad and Tobago



Mammals
15,549
occurrences



Birds
1,160,973
occurrences



Bony fish
13,182
occurrences



Amphibians
6,877
occurrences



Insects
77,940
occurrences



Reptiles
12,798
occurrences



Molluscs
16,546
occurrences



Arachnids
4,972
occurrences



Flowering plants
66,261
occurrences



Ferns
14,689
occurrences



Gymnosperms
61
occurrences



Mosses
3,009
occurrences



Sac fungi
7,651
occurrences



Basidiomycota
4,348
occurrences

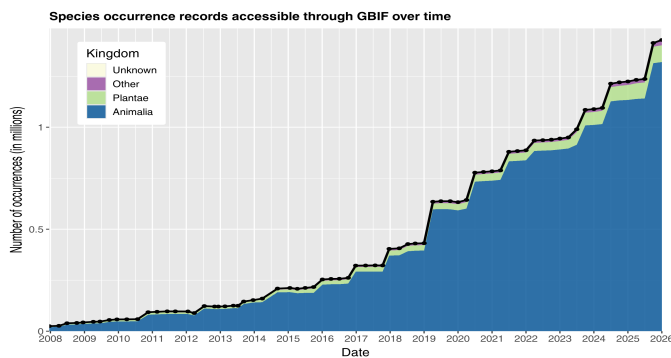
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

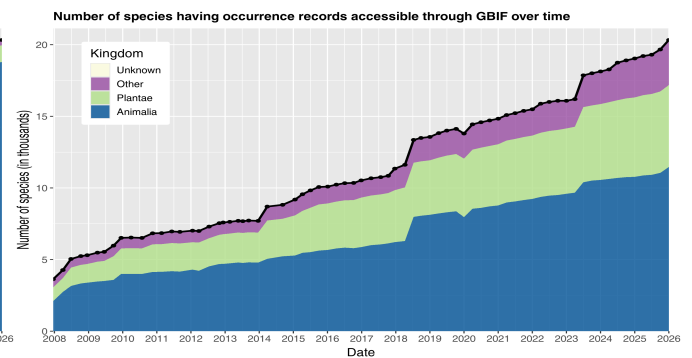
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Trinidad and Tobago



Occurrence records available about species occurring in Trinidad and Tobago



Species for which at least one occurrence record is available in Trinidad and Tobago

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 Trinidad and Tobago

A sessile shallow-water community dominated by sponges and algae at Nelson Island, Trinidad and Tobago. *Published by Institute of Marine Affairs*
<https://doi.org/10.15468/n9knq9>

Coastal Conservation Project an Assessment of the Coral Reefs of Tobago. *Published by Institute of Marine Affairs*
<https://doi.org/10.15468/6f8xkp>

Fish Assemblages on Fringing Reefs in the Southern Caribbean: biodiversity, biomass and feeding types. *Published by Institute of Marine Affairs*
<https://doi.org/10.15468/cxbk8d>

Coral Reef Data from Trinidad and Tobago 1981 - 1985. *Published by Institute of Marine Affairs*
<https://doi.org/10.15468/wzdpde>

Characterisation and Ecology of the Bon Accord Lagoon, Tobago, West Indies. *Published by Institute of Marine Affairs*
<https://doi.org/10.15468/qyy24h>

Seagrass species communities around Trinidad and Tobago. *Published by Institute of Marine Affairs*
<https://doi.org/10.15468/npsspq>

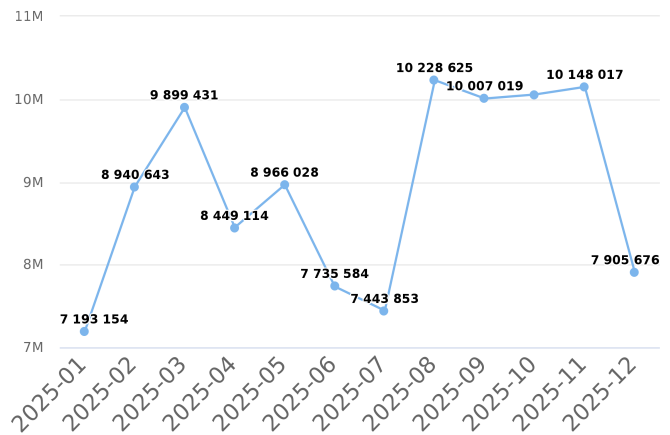
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=TT

Newest publishers from Trinidad and Tobago

- National Herbarium of Trinidad and Tobago
- Institute of Marine Affairs
- The University of the West Indies Zoology Museum (UWIZM)

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

Occurrence records downloaded from GBIF.org, published by institutions in Trinidad and Tobago

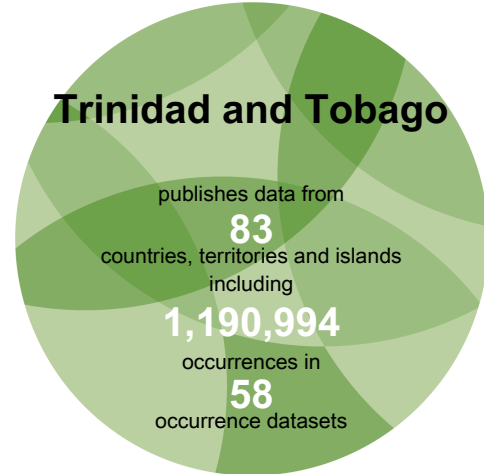
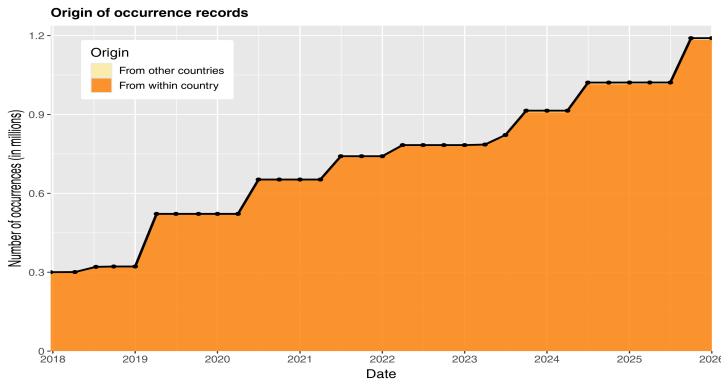


Number of occurrence records downloaded via GBIF.org published by institutions in Trinidad and Tobago



Data mobilization

Data sharing with country or area of origin by national institutions in Trinidad and Tobago



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Trinidad and Tobago

Rank	Country or area	No. of occurrences
1	Trinidad and Tobago	1,183,814
2	United States of America	166,454
3	United Kingdom	37,296
4	Germany	11,939
5	Netherlands	8,915
6	Canada	6,076
7	International organization or unknown country	3,069
8	Sweden	2,661
9	France	2,447
10	Belgium	2,147

Table 1. Ranking of countries or areas contributing data about Trinidad and Tobago

Top datasets contributing data about Trinidad and Tobago

- EOD – eBird Observation Dataset. *1,128,512 occurrences in Trinidad and Tobago.* (Last updated 29 Oct 2025)
- iNaturalist Research-grade Observations. *59,591 occurrences in Trinidad and Tobago.* (Last updated 31 Dec 2025)
- NMNH Extant Specimen Records (USNM, US). *23,709 occurrences in Trinidad and Tobago.* (Last updated 2 Jan 2026)
- Specimens from the National Herbarium of Trinidad and Tobago. *18,290 occurrences in Trinidad and Tobago.* (Last updated 15 Jun 2023)
- Royal Botanic Gardens, Kew - Herbarium Specimens. *14,757 occurrences in Trinidad and Tobago.* (Last updated 2 Jan 2026)

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



Trinidad and Tobago participates in the following projects coordinated by GBIF

Marine Biodiversity Hub

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-CA2020-004-INS>

Improving national biodiversity data accessibility in Trinidad and Tobago

BID: Biodiversity Information for Development, 2021–2023

<https://www.gbif.org/project/BID-CA2020-039-NAC>

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