

generated January 2026

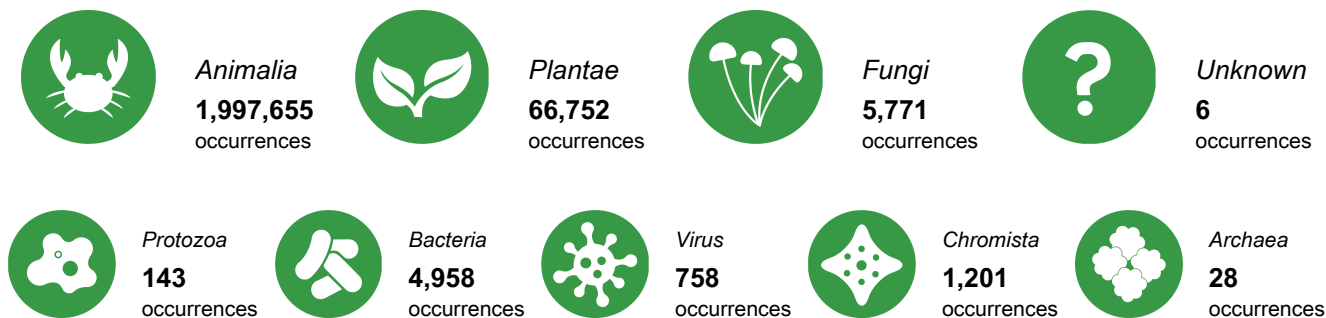
Singapore

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 Singapore. 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.

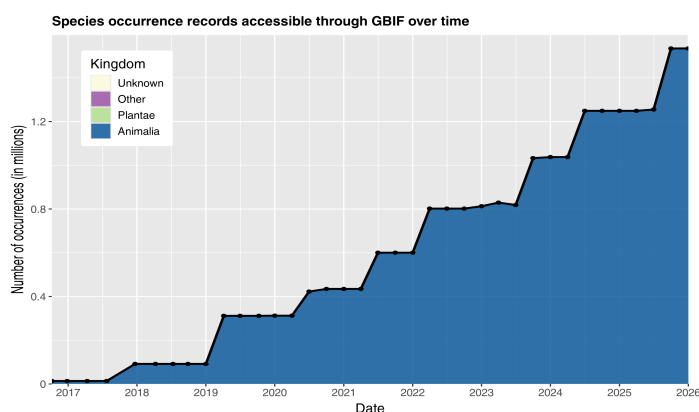
► Access and usage



► Data availability in Singapore



► Data mobilization

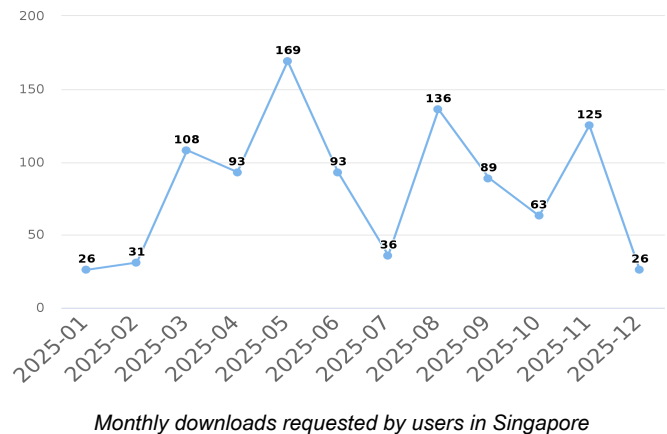
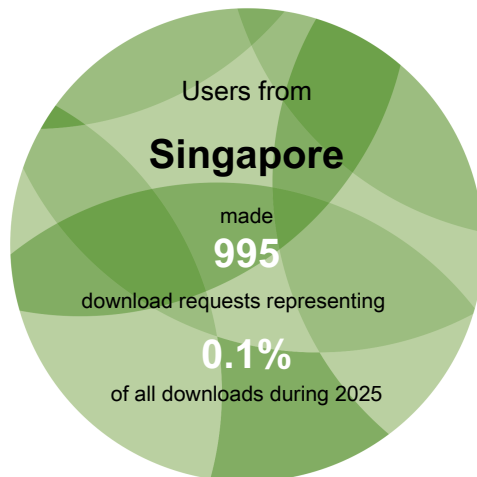


Number of records published by institutions in
Singapore, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Singapore



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

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 Singapore.

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

Yau, Jones, Tsang *et al.* (2025) Spatial occurrence records and distributions of tropical Asian butterflies. *Scientific Data*.

<https://doi.org/10.1038/s41597-025-05333-w>

Visser, Detto, Meunier *et al.* (2025) When can we detect lianas from space? Toward a mechanistic understanding of liana-infested forest optics. *Ecology*.

<https://doi.org/10.1002/ecy.70082>

Zhang, Luo, Wu *et al.* (2025) Exploring social interaction patterns and drivers in VGI communities using a custom geovisual analytics tool. *Annals of GIS*.

<https://doi.org/10.1080/19475683.2025.2497026>

Choo, Ngo. (2020) A revision of the genus *Sindora* (Fabaceae, Detarioideae) in Peninsular Malaysia and Singapore. *Gardens' Bulletin Singapore*.

[https://doi.org/10.26492/gbs72\(2\).2020-08](https://doi.org/10.26492/gbs72(2).2020-08)

Patiño-Sauma, Ruiz, Ascher. (2025) First records of *Anthidium florentinum* (Hymenoptera, Megachilidae) in the Canary Islands: insights on citizen science and exotic bee species. *Journal of Hymenoptera Research*.

<https://doi.org/10.3897/jhr.98.137948>

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



Data availability

Total data available for selected taxonomic groups in Singapore



Mammals
12,022
occurrences



Birds
1,618,843
occurrences



Bony fish
17,579
occurrences



Amphibians
4,471
occurrences



Insects
224,101
occurrences



Reptiles
31,302
occurrences



Molluscs
18,682
occurrences



Arachnids
19,871
occurrences



Flowering plants
58,963
occurrences



Ferns
3,963
occurrences



Gymnosperms
255
occurrences



Mosses
1,500
occurrences



Sac fungi
2,427
occurrences



Basidiomycota
3,268
occurrences

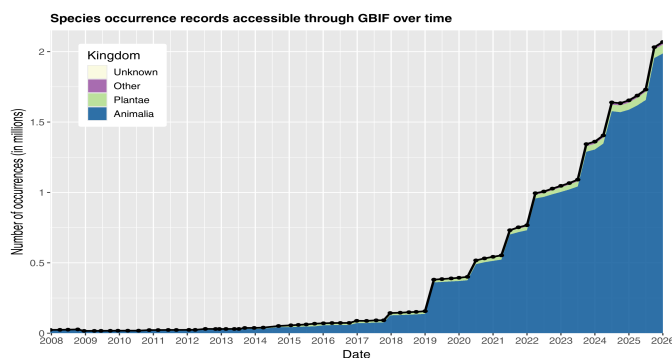
Mammals = Class *Mammalia*
Birds = Class *Aves*
Bony fish = Superclass
Osteichthyes p.p.
Amphibians = Class *Amphibia*

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

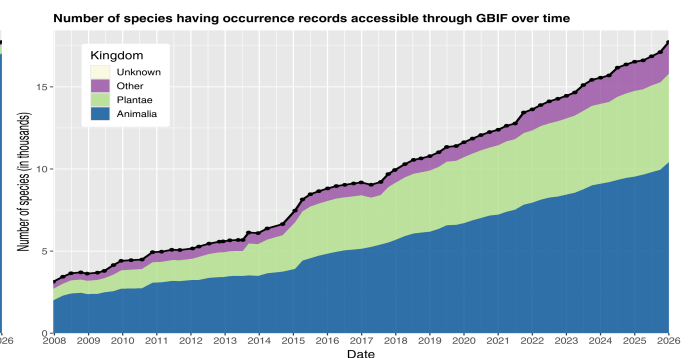
Arachnids = Class *Arachnida*
Flowering plants = Phylum
Magnoliophyta
Gymnosperms = Superclass
Gymnospermae

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

Change over time in records about biodiversity in Singapore



Occurrence records available about species occurring in Singapore



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

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 Singapore

SIGNIFY. *Published by Lee Kong Chian Natural History Museum, National University of Singapore*
<https://doi.org/10.15468/4ue7eb>

Hydrometridae of Lee Kong Chian Natural History Museum. *Published by Lee Kong Chian Natural History Museum, National University of Singapore*
<https://doi.org/10.15468/82xp7d>

Records of Dung Beetles (Coleoptera: Scarabaeidae: Scarabaeinae) of Singapore. *Published by Asian School of the Environment*
<https://doi.org/10.15468/6rq74u>

Sampling Event and Occurrence Records of Dung Beetles (Coleoptera: Scarabaeidae: Scarabaeinae) from Sabah, Malaysia Borneo. *Published by Asian School of the Environment*
<https://doi.org/10.15468/kdt8vd>

Taxonomic Checklist of the Dung beetles (Coleoptera: Scarabaeidae: Scarabaeinae) of Sabah, Malaysia Borneo. *Published by Asian School of the Environment*
<https://doi.org/10.15468/r8s697>

Butterflies of Singapore and Peninsular Malaysia (Riodinidae). *Published by Lee Kong Chian Natural History Museum, National University of Singapore*
<https://doi.org/10.15468/rw7ppj>

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

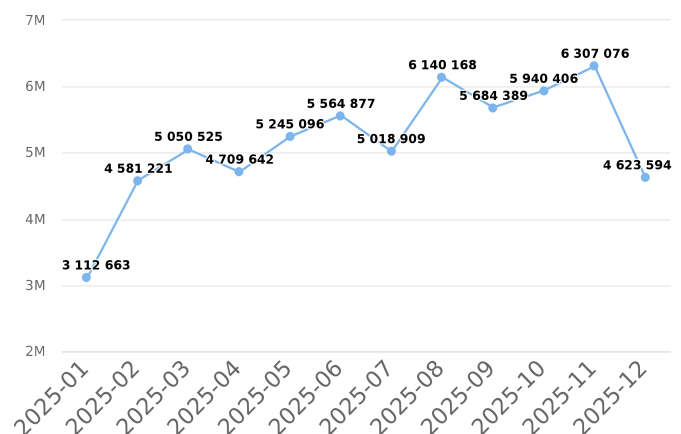
Newest publishers from Singapore

Asian School of the Environment

Lee Kong Chian Natural History Museum, National University of Singapore

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

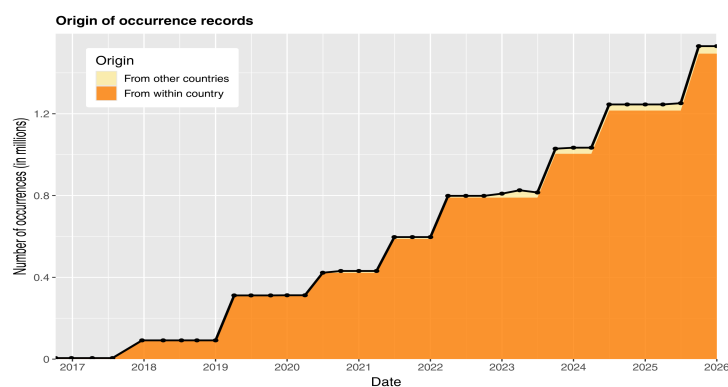
Occurrence records downloaded from GBIF.org, published by institutions in Singapore



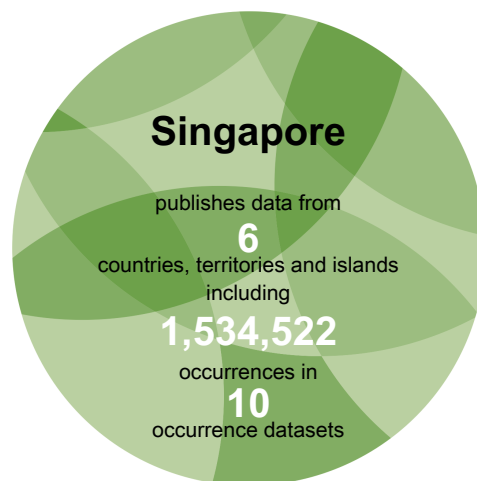
Number of occurrence records downloaded via GBIF.org published by institutions in Singapore

Data mobilization

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



Data sharing with country or area of origin



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

Top data contributors about biodiversity in Singapore

Rank	Country or area	No. of occurrences
1	Singapore	1,494,370
2	United States of America	433,551
3	United Kingdom	41,484
4	Australia	29,564
5	Brazil	25,959
6	Netherlands	22,745
7	Germany	4,750
8	France	4,491
9	Switzerland	3,877
10	Canada	3,269

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

Top datasets contributing data about Singapore

- EOD – eBird Observation Dataset. 1,493,891 occurrences in Singapore. (Last updated 29 Oct 2025)
- iNaturalist Research-grade Observations. 439,065 occurrences in Singapore. (Last updated 31 Dec 2025)
- FNJV - Fonoteca Neotropical Jacques Viellard. 24,714 occurrences in Singapore. (Last updated 27 Dec 2025)
- Observation.org, Nature data from around the World. 12,339 occurrences in Singapore. (Last updated 16 Dec 2025)
- INSDC Sequences. 9,557 occurrences in Singapore. (Last updated 20 Dec 2025)

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



Singapore participates in the following projects coordinated by GBIF

Mobilizing data on ecologically important insects in Malaysia and Singapore

BIFA: Biodiversity Information Fund for Asia, 2021–2023

https://www.gbif.org/project/BIFA6_032

Digitizing butterfly specimens of Singapore & Peninsular Malaysia

BIFA: Biodiversity Information Fund for Asia, 2019–2020

<https://www.gbif.org/project/7msmpErXC8uaGYzhJpyHoX>

See all GBIF projects

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