



generated January 2025

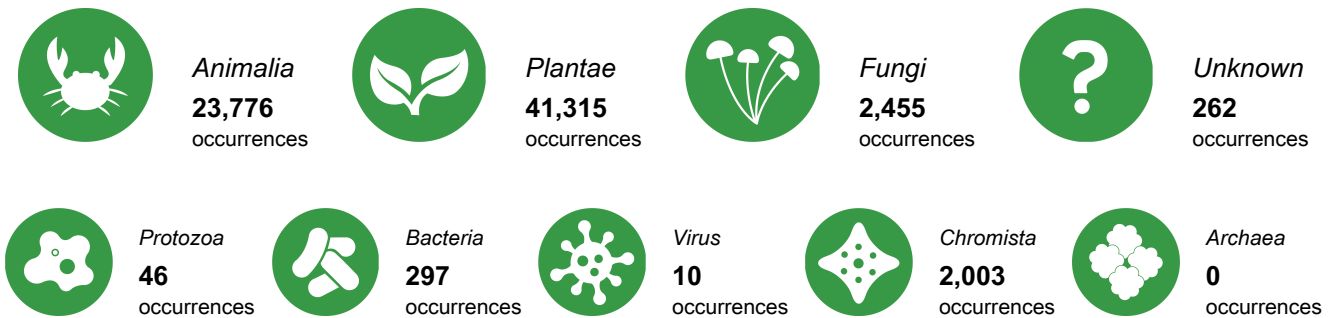
## Brunei Darussalam

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 Brunei Darussalam. 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.

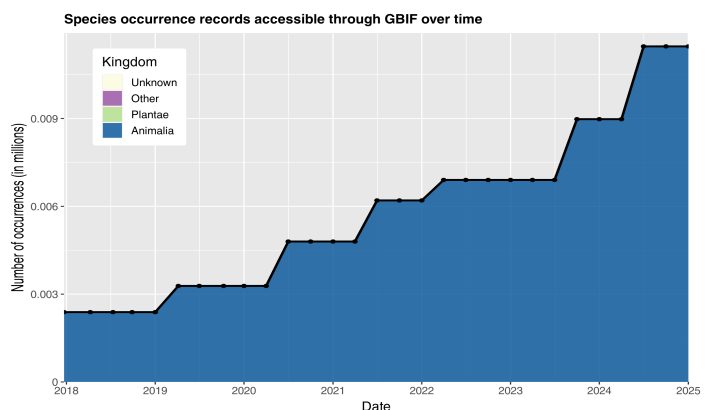
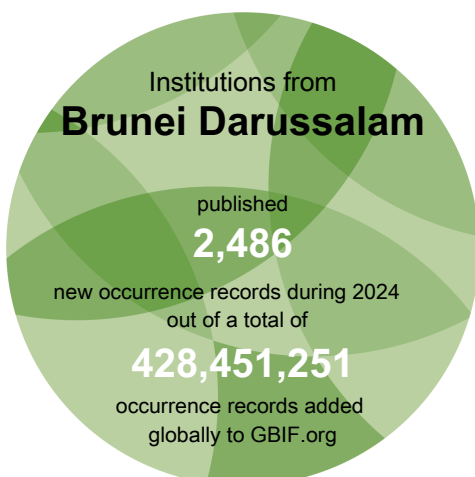
### ► Access and usage



### ► Data availability in Brunei Darussalam



### ► Data mobilization

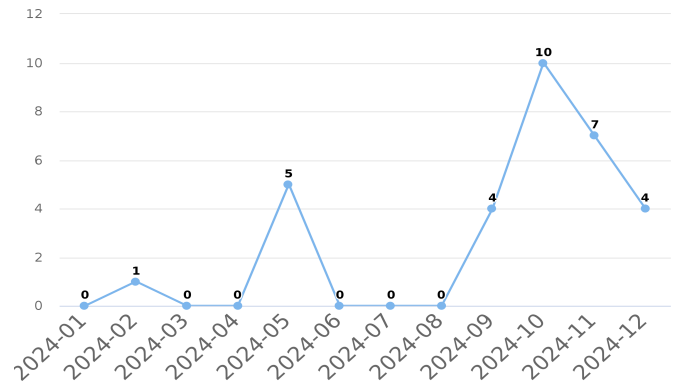
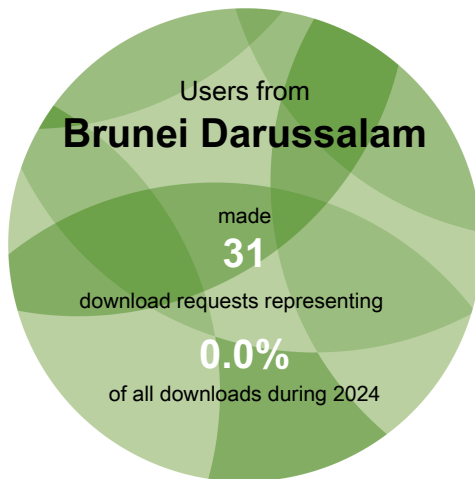


Number of records published by institutions in Brunei Darussalam, categorized by kingdom



## Access and usage

### Data downloads on GBIF.org from users in Brunei Darussalam



Monthly downloads requested by users in Brunei Darussalam

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

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 Brunei Darussalam.

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).

Pang, Slik, Chisholm *et al.* (2024) Conserving Southeast Asian trees requires mitigating both climate and land-use change. *Nature Sustainability*.

<https://doi.org/10.1038/s41893-024-01417-4>

Hordijk, Bialic-Murphy, Lauber *et al.* (2024) Dominance and rarity in tree communities across the globe: Patterns, predictors and threats. *Global Ecology and Biogeography*.

<https://doi.org/10.1111/geb.13889>

Renjana, Firdiana, Angio *et al.* (2024) Spatial habitat suitability prediction of essential oil wild plants on Indonesia's degraded lands. *PeerJ*.

<https://doi.org/10.7717/peerj.17210>

Guo, Serra-Diaz, Eiserhardt *et al.* (2023) Climate change and land use threaten global hotspots of phylogenetic endemism for trees. *Nature Communications*.

<https://doi.org/10.1038/s41467-023-42671-y>

Pang, Slik, Zurell *et al.* (2023) The clustering of spatially associated species unravels patterns in tropical tree species distributions. *Ecosphere*.

<https://doi.org/10.1002/ecs2.4589>

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



## Data availability

### Total data available for selected taxonomic groups in Brunei Darussalam



**Mammals**  
591  
occurrences



**Birds**  
12,296  
occurrences



**Bony fish**  
1,755  
occurrences



**Amphibians**  
821  
occurrences



**Insects**  
5,232  
occurrences



**Reptiles**  
594  
occurrences



**Molluscs**  
1,442  
occurrences



**Arachnids**  
454  
occurrences



**Flowering plants**  
37,224  
occurrences



**Ferns**  
2,910  
occurrences



**Gymnosperms**  
307  
occurrences



**Mosses**  
243  
occurrences



**Sac fungi**  
1,806  
occurrences



**Basidiomycota**  
317  
occurrences

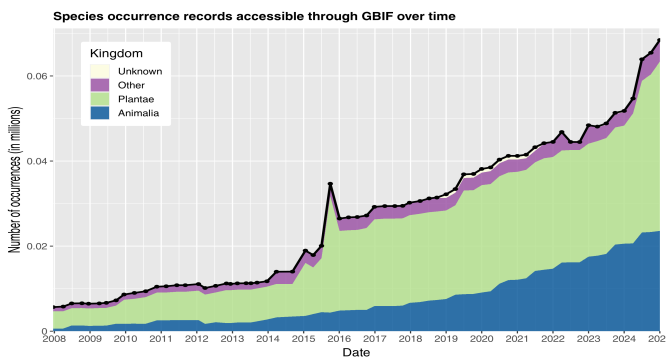
Mammals = Class *Mammalia*  
Birds = Class *Aves*  
Bony fish = Superclass  
*Osteichthyes* p.p.  
Amphibians = Class *Amphibia*

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

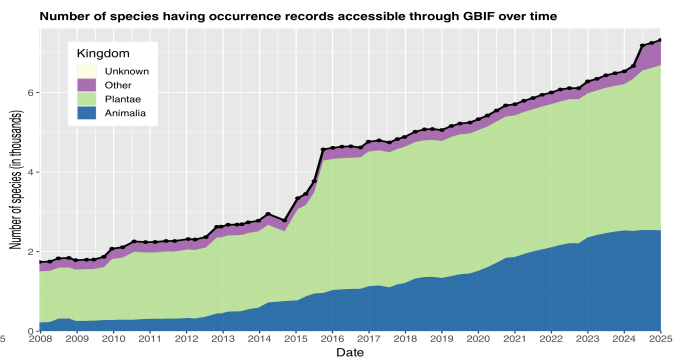
Arachnids = Class *Arachnida*  
Flowering plants = Phylum  
*Magnoliophyta*  
Gymnosperms = Superclass  
*Gymnospermae*

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

## Change over time in records about biodiversity in Brunei Darussalam



Occurrence records available about species occurring in Brunei Darussalam



Species for which at least one occurrence record is available in Brunei Darussalam

### 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.

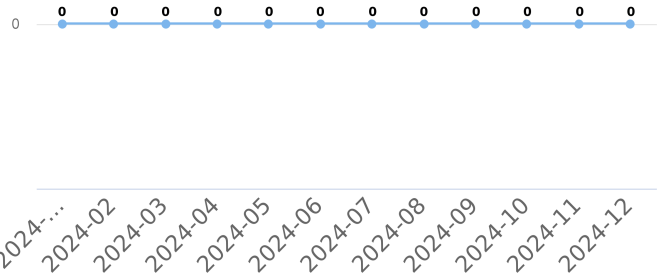
**SPECIES COUNTS** represent the number of binomial scientific names for which GBIF has received data records, organized as far as possible using synonyms recorded in key databases like the Catalogue of Life



### Newest publishers from Brunei Darussalam

No data available

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



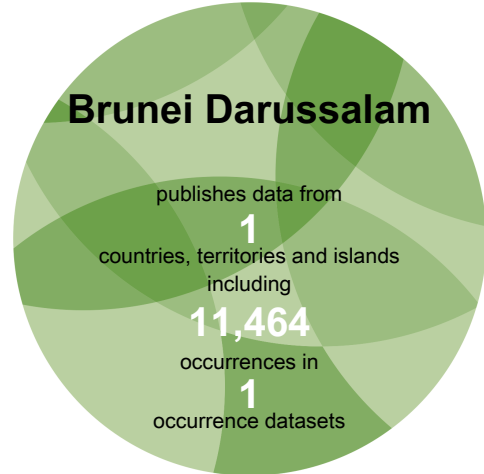
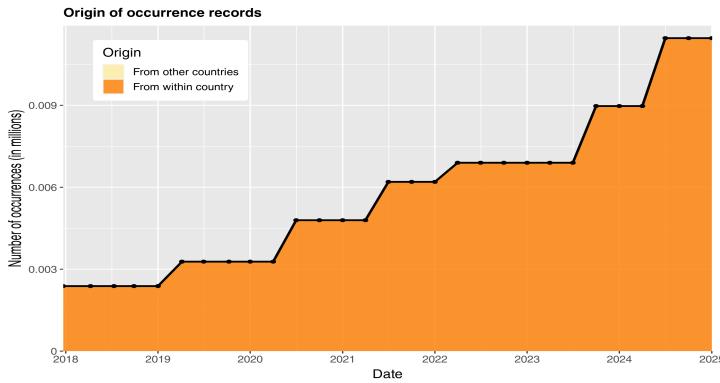
See all publishers from this country or area  
[gbif.org/publisher/search?country=BN](https://gbif.org/publisher/search?country=BN)

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



## Data mobilization

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



Data sharing with country or area of origin

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

### Top data contributors about biodiversity in Brunei Darussalam

Rank	Country or area	No. of occurrences
1	United Kingdom	19,275
2	Netherlands	18,906
3	Brunei Darussalam	11,464
4	United States of America	9,576
5	International organization or unknown country	4,501
6	Germany	1,751
7	Australia	1,715
8	Denmark	1,093
9	Colombia	688
10	Switzerland	202

### Top datasets contributing data about Brunei Darussalam

- Naturalis Biodiversity Center (NL) - Botany. *16,251 occurrences in Brunei Darussalam.* (Last updated 1 Nov 2024)
- Royal Botanic Gardens, Kew - Herbarium Specimens. *12,503 occurrences in Brunei Darussalam.* (Last updated 2 Jan 2025)
- EOD – eBird Observation Dataset. *11,464 occurrences in Brunei Darussalam.* (Last updated 27 Sep 2024)
- International Barcode of Life project (iBOL). *3,544 occurrences in Brunei Darussalam.* (Last updated 7 Aug 2024)
- Harvard University Herbaria: All Records. *2,928 occurrences in Brunei Darussalam.* (Last updated 4 Jan 2025)

Table 1. Ranking of countries or areas contributing data about Brunei Darussalam

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