



generated January 2025

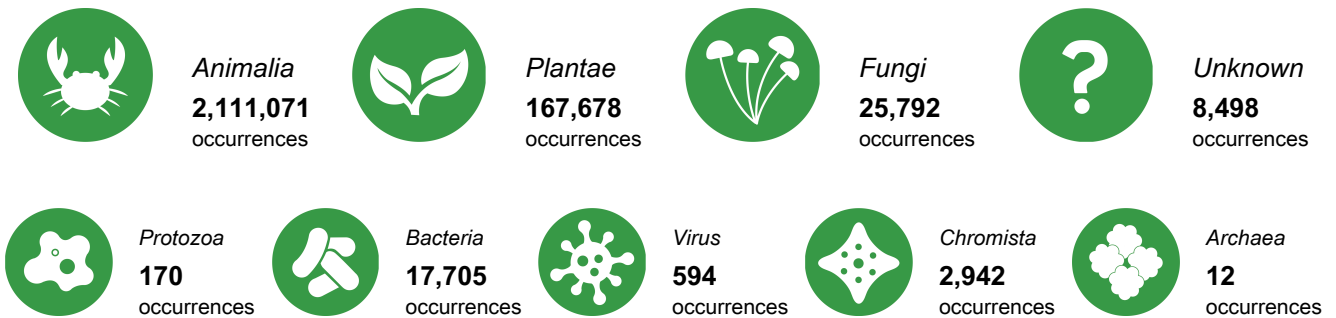
Sri Lanka

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 Sri Lanka. 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.

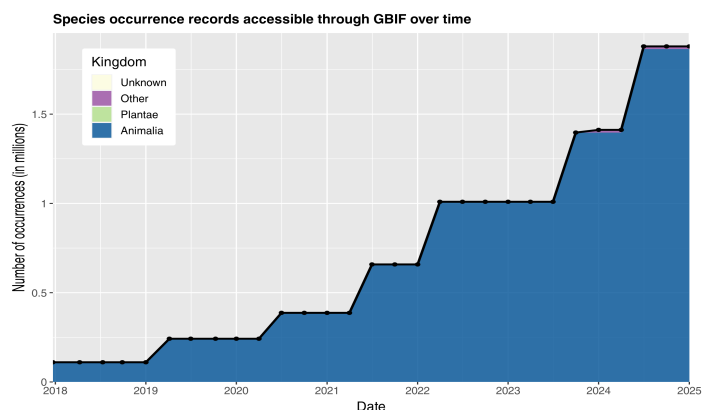
► Access and usage



► Data availability in Sri Lanka



► Data mobilization

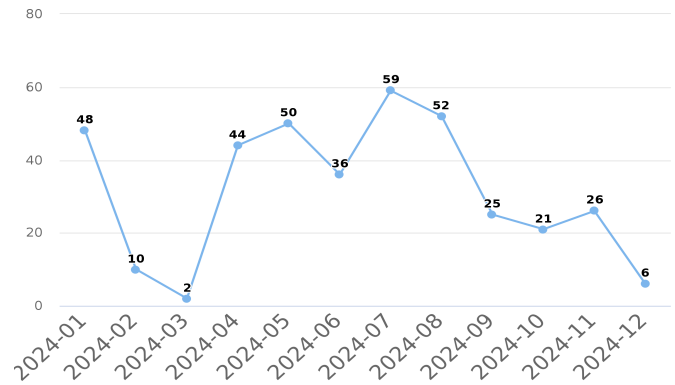
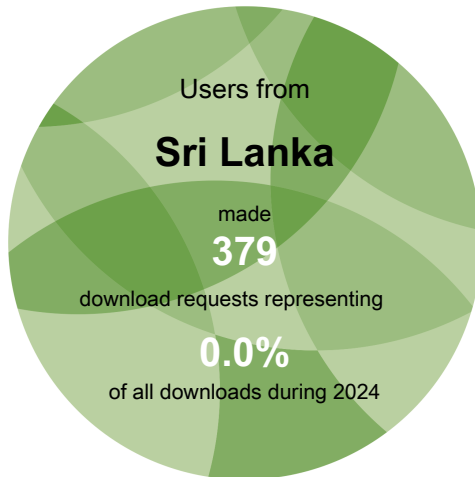


Number of records published by institutions in Sri Lanka, categorized by kingdom



Access and usage

Data downloads on GBIF.org from users in Sri Lanka



Monthly downloads requested by users in Sri Lanka

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

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 Sri Lanka.

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

Vishnu, Pandi, Madola *et al.* (2024) Modeling the Current and Future Distribution of *Indianthus virgatus* (Roxb.) Suksathan & Borchs.: A Monotypic Plant Endemic to the Western Ghats-Sri Lanka Biodiversity Hotspot. *Ecology and Evolution*.
<https://doi.org/10.1002/ece3.70489>

Martín, Erinjery, Ediriweera *et al.* (2024) Effects of global change on snakebite envenoming incidence up to 2050: a modelling assessment. *The Lancet Planetary Health*.
[https://doi.org/10.1016/s2542-5196\(24\)00141-4](https://doi.org/10.1016/s2542-5196(24)00141-4)

Ranil, Pushpakumara, Wjesundara. (2024) Paving the way for a holistic conservation Approach: The story of World's only known simple frond tree Fern, *Alsophila sinuata* (Hook. & Grev.) R. M. Tryon (Cyatheaceae). *Journal for Nature Conservation*.
<https://doi.org/10.1016/j.jnc.2024.126628>

Wijerathne, Vidanapathirana, Panduwawala *et al.* (2024) Distribution status and influence of climate change on patterns of distribution of hornbills in Sri Lanka. *Global Ecology and Conservation*.
<https://doi.org/10.1016/j.gecco.2024.e02903>

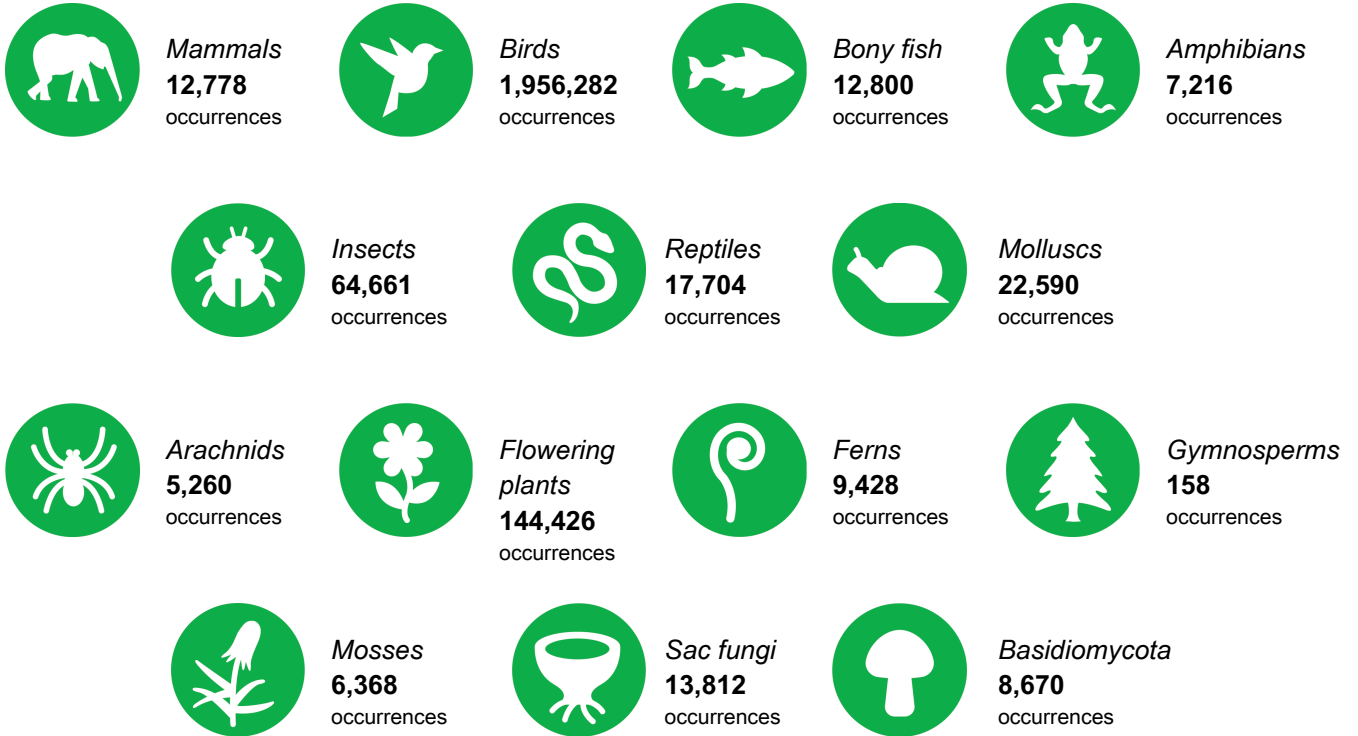
Edirisinghe, Bandara, Patterson *et al.* (2022) The distribution of *Kerivoula malpasi* and *Kerivoula picta* (Chiroptera: Vespertilionidae) in Sri Lanka. *Journal of Biogeography*.
<https://doi.org/10.14709/barbj.15.1.2022.02>

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



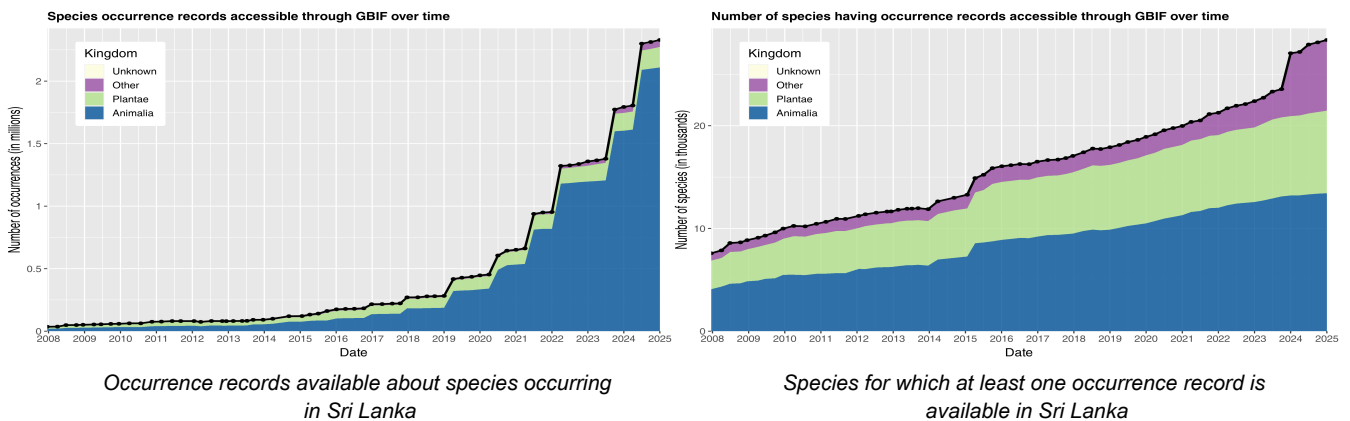
Data availability

Total data available for selected taxonomic groups in Sri Lanka



Mammals = Class <i>Mammalia</i>	Insects = Class <i>Insecta</i>	Arachnids = Class <i>Arachnida</i>	Ferns = Phylum <i>Pteridophyta</i>
Birds = Class <i>Aves</i>	Reptiles = Class <i>Testudines, Sphenodontia, Squamata & Crocodylia</i>	Flowering plants = Phylum <i>Magnoliophyta</i>	Mosses = Phylum <i>Bryophyta</i>
Bony fish = Superclass <i>Osteichthyes</i> p.p.	Molluscs = Phylum <i>Mollusca</i>	Gymnosperms = Superclass <i>Gymnospermae</i>	Sac fungi = Phylum <i>Ascomycota</i>
Amphibians = Class <i>Amphibia</i>			Basidiomycota = Phylum <i>Basidiomycota</i>

Change over time in records about biodiversity in Sri Lanka



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 Sri Lanka

Exploration of soil bacterial diversity in organic and conventional agriculture fields in Sri Lanka.

Published by Sri Lanka Institute of Nanotechnology (SLINTEC)

<https://doi.org/10.15468/qj6wr7>

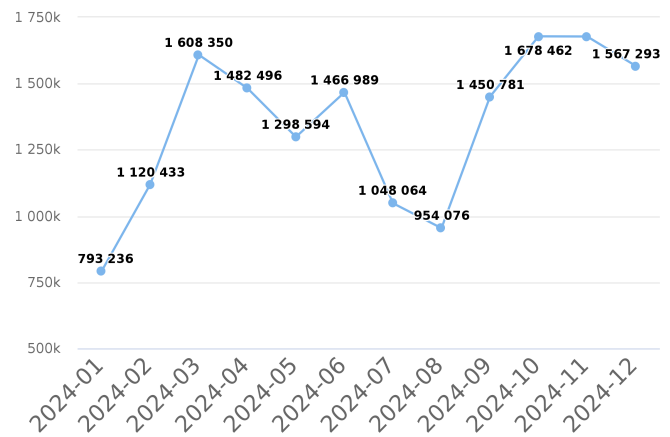
See all datasets from this country or area: gbif.org/dataset/search?publishing_country=LK

Newest publishers from Sri Lanka

Sri Lanka Institute of Nanotechnology (SLINTEC)

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

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

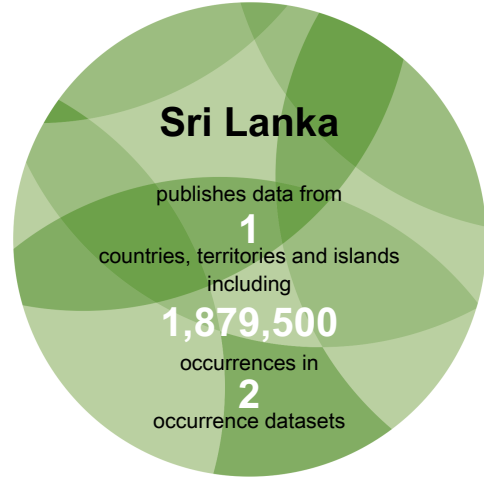
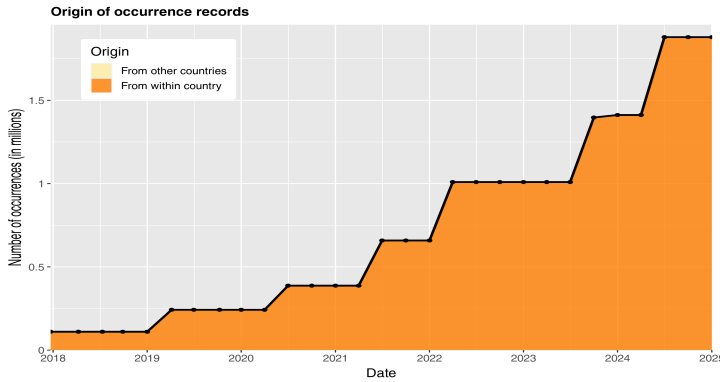


Number of occurrence records downloaded via GBIF.org published by institutions in Sri Lanka



Data mobilization

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



Data sharing with country or area of origin

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

Top data contributors about biodiversity in Sri Lanka

Rank	Country or area	No. of occurrences
1	Sri Lanka	1,879,500
2	United States of America	179,696
3	Netherlands	75,843
4	United Kingdom	68,280
5	Australia	28,712
6	Germany	18,303
7	Sweden	16,768
8	Belgium	11,994
9	Estonia	11,562
10	International organization or unknown country	9,014

Table 1. Ranking of countries or areas contributing data about Sri Lanka

Top datasets contributing data about Sri Lanka

- EOD – eBird Observation Dataset. 1,864,542 occurrences in Sri Lanka. (Last updated 27 Sep 2024)
- iNaturalist Research-grade Observations. 78,499 occurrences in Sri Lanka. (Last updated 30 Dec 2024)
- NMNH Extant Specimen Records (USNM, US). 51,238 occurrences in Sri Lanka. (Last updated 2 Jan 2025)
- Observation.org, Nature data from around the World. 49,111 occurrences in Sri Lanka. (Last updated 3 Jan 2025)
- Natural History Museum (London) Collection Specimens. 24,773 occurrences in Sri Lanka. (Last updated 3 Jan 2025)

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