GBIF - Global Biodiversity Information Facility

RRID:SCR_005904
Type: Tool

Proper Citation

GBIF - Global Biodiversity Information Facility (RRID:SCR_005904)

Resource Information

URL: http://www.gbif.org/

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Description: The Global Biodiversity Information Facility (GBIF) was established by governments in 2001 to encourage free and open access to biodiversity data, via the Internet. Through a global network of countries and organizations, GBIF promotes and facilitates the mobilization, access, discovery and use of information about the occurrence of organisms over time and across the planet. GBIF provides three core services and products:

# An information infrastructure an Internet-based index of a globally distributed network of interoperable databases that contain primary biodiversity data information on museum specimens, field observations of plants and animals in nature, and results from experiments so that data holders across the world can access and share them
# Community-developed tools, standards and protocols the tools data providers need to format and share their data
# Capacity-building the training, access to international experts and mentoring programs that national and regional institutions need to become part of a decentralized network of biodiversity information facilities. GBIF and its many partners work to mobilize the data, and to improve search mechanisms, data and metadata standards, web services, and the other components of an Internet-based information infrastructure for biodiversity. GBIF makes available data that are shared by hundreds of data publishers from around the world. These data are shared according to the GBIF Data Use Agreement, which includes the provision that users of any data accessed through or retrieved via the GBIF Portal will always give credit to the original data publishers.

* Explore Species: Find data for a species or other group of organisms. Information on species and other groups of plants, animals, fungi and micro-organisms, including species occurrence records, as well as classifications and scientific and common names.
* Explore Countries: Find data on the species recorded in a particular country, territory or island. Information on the species recorded in each country, including records shared by publishers from throughout the GBIF network.
* Explore Datasets: Find data from a data publisher, dataset or data network. Information on the data
publishers, datasets and data networks that share data through GBIF, including summary information on 10028 datasets from 419 data publishers.

**Abbreviations:** GBIF

**Synonyms:** Global Biodiversity Information Facility, GBIF Data Portal

**Resource Type:** portal, data or information resource, organization portal, data set

**Keywords:** biodiversity, organism, species, country, FASEB list

**Availability:** Free and open access - users of any data accessed through or retrieved via the GBIF Portal will always give credit to the original data publishers.

**Resource Name:** GBIF - Global Biodiversity Information Facility

**Resource ID:** SCR_005904

**Alternate IDs:** nlx_149475, DOI:10.15469, DOI:10.15468, DOI:10.26161, DOI:10.35035, DOI:10.17616/R3J014, DOI:10.25504/FAIRsharing.zv11j3


**Ratings and Alerts**

No rating or validation information has been found for GBIF - Global Biodiversity Information Facility.

No alerts have been found for GBIF - Global Biodiversity Information Facility.

**Data and Source Information**

**Source:** [SciCrunch Registry](https://www.sci-crunch.org)

**Usage and Citation Metrics**

We found 1030 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](https://www.reproducibilityreport.org).

Shaban M, et al. (2023) Climate change impacts on optimal habitat of Stachys inflata medicinal plant in central Iran. Scientific reports, 13(1), 6580.

Hazra T, et al. (2023) Marginal leaf galls on Pliocene leaves from India indicate mutualistic behavior between Ipomoea plants and Eriophyidae mites. Scientific reports, 13(1), 5702.


Ganglo JC, et al. (2023) Ecological niche model transferability of the white star apple (Chrysophyllum albidum G. Don) in the context of climate and global changes. Scientific reports, 13(1), 2430.

Paterson RRM, et al. (2023) Climate Refuges in Nigeria for Oil Palm in Response to Future Climate and Fusarium Wilt Stresses. Plants (Basel, Switzerland), 12(4).

Parker AK, et al. (2023) The utility of body size as a functional trait to link the past and present in a diverse reptile clade. Proceedings of the National Academy of Sciences of the United States of America, 120(7), e2201948119.


Yu XT, et al. (2023) Species Richness of Papilionidae Butterflies (Lepidoptera: Papilionoidea) in the Hengduan Mountains and Its Future Shifts under Climate Change. Insects, 14(3).


Xiao C, et al. (2023) Mapping Asia Plants: Historical Outline and Review of Sources on Floristic Diversity in South Asia. Plants (Basel, Switzerland), 12(8).
