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

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

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

Funding:

**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: DOI:10.15469, DOI:10.26161, DOI:10.17616/R3J014, DOI:10.15468, DOI:10.35035, nlx\_149475, DOI:10.25504/FAIRsharing.zv11j3

Alternate URLs: https://doi.org/10.17616/R3J014, https://doi.org/10.17616/r3J014, https://doi.org/10.15469/, https://doi.org/10.15468/, https://doi.org/10.35035/, https://dx.doi.org/10.15469/, https://dx.doi.org/10.15468/, https://dx.doi.org/10.26161, https://dx.doi.org/10.35035/, https://dx.doi.org/10.35035/, https://fairsharing.org/10.25504/FAIRsharing.zv11j3

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### **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

**Usage and Citation Metrics** 

We found 1454 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Kundrata R, et al. (2025) Click beetle larvae from Cretaceous Burmese amber represent an ancient Gondwanan lineage. Scientific reports, 15(1), 1125.

Liu X, et al. (2025) Assessing habitat selection parameters of Arabica coffee using BWM and BCM methods based on GIS. Scientific reports, 15(1), 8.

Mondanaro A, et al. (2025) EutherianCoP. An integrated biotic and climate database for conservation paleobiology based on eutherian mammals. Scientific data, 12(1), 6.

Proença Neto MA, et al. (2025) Pytaxon: A Python software for resolving and correcting taxonomic names in biodiversity data. Biodiversity data journal, 13, e138257.

, et al. (2025) Commodity risk assessment of Alnus cordata, Alnus glutinosa and Alnus incana plants from the UK. EFSA journal. European Food Safety Authority, 23(1), e9189.

Ao Q, et al. (2025) Projecting the global potential distribution of nine Rhododendron Subgenus Hymenanthes species under different climate change scenarios. Scientific reports, 15(1), 3459.

Guo Y, et al. (2025) Mechanisms of Astragalus membranaceus (Fisch.) Bge. var. mongholicus (Bge.) Hsiao (huang qi) and Angelica sinensis (Oliv.) Diels (dang gui) in Ameliorating Hypoxia and Angiogenesis to Delay Pulmonary Nodule Malignant Transformation. Integrative cancer therapies, 24, 15347354241311917.

Sanchez ADS, et al. (2025) Distribution and habitat of the painted tree rat (Callistomys pictus): Evaluating areas for future surveys and conservation efforts. PloS one, 20(1), e0317356.

Okely M, et al. (2025) Climate change influences on the potential geographic distribution of the invasive Asian longhorned tick, Haemaphysalis longicornis. Scientific reports, 15(1), 2266.

Xia X, et al. (2025) Orogeny and High Pollen Flow as Driving Forces for High Genetic Diversity of Endangered Acer griseum (Franch.) Pax Endemic to China. International journal of molecular sciences, 26(2).

Ball L, et al. (2025) What 'unexplored' means: mapping regions with digitized natural history records to look for 'biodiversity blindspots'. PeerJ, 13, e18511.

Yamawo A, et al. (2025) Interspecific Variations in Interplant Communication and Ecological Characteristics in Trees. Ecology and evolution, 15(1), e70876.

Baeta R, et al. (2025) Detecting the effect of intensive agriculture on Odonata diversity using citizen science data. Ecological applications : a publication of the Ecological Society of

America, 35(1), e3057.

Yao T, et al. (2025) Relationship between secondary metabolites and ecological suitability zones for Eucommia ulmoides. PloS one, 20(1), e0317368.

Aidoo OF, et al. (2025) Climate change impacts on worldwide ecological niche and invasive potential of Sternochetus mangiferae. Pest management science, 81(2), 667.

Zhou J, et al. (2025) Predicting high-quality ecologically suitable areas of Astragalus mongholicus Bunge based on secondary metabolites content using Biomod2 model. Scientific reports, 15(1), 1373.

Cortez T, et al. (2025) Insights into the representativeness of biodiversity assessment in large reservoir through eDNA metabarcoding. PloS one, 20(1), e0314210.

Luo C, et al. (2025) Rethinking Conservation and Restoration Strategies of Endangered and Key Medicinal Clavicarpa Plants in Yunnan-Kweichow Plateau's Karst Areas Under Climate Change. Ecology and evolution, 15(1), e70790.

Sánchez-Jardón L, et al. (2025) Bryophyte literature records database of Aysén, Chilean sub-Antarctic ecoregion. Scientific data, 12(1), 36.

Thoen RD, et al. (2025) Spatiotemporal variation in population dynamics of a narrow endemic, Ranunculus austro-oreganus. American journal of botany, 112(1), e16446.