

Resource Summary Report

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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 or information resource, data set, organization portal, portal

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: 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/10.26161/>, <https://doi.org/10.35035/>, <https://dx.doi.org/10.15469/>, <https://dx.doi.org/10.15468/>, <https://doi.org/10.26161>, <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 2519 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Veltman MA, et al. (2026) Molecular evidence reveals unsustainable harvest of wild orchids. Current biology : CB, 36(7), 1842.

Buddenhagen CE, et al. (2026) Validating a rapid algorithmic weed hazard ranking method. Pest management science, 82(1), 375.

Wang H-Q, et al. (2026) Structural and functional insights into Uly1040, an ulvan lyase from polysaccharide lyase family 40. *Applied and environmental microbiology*, 92(2), e0210125.

El Jamaai J, et al. (2026) Biological invasions and their potential economic costs in Morocco. *Scientific reports*, 16(1), 2011.

Chen R, et al. (2026) Ecological Niche Differentiation and Distribution Dynamics Revealing Climate Change Responses in the Chinese Genus *Dysosma*. *Plants (Basel, Switzerland)*, 15(1).

Pp AR, et al. (2026) Assessing Habitat Suitability and Range Dynamics of *Syzygium alternifolium* (Wight) Walp Under Future Climatic Scenarios. *Ecology and evolution*, 16(1), e72861.

Zu GY, et al. (2026) From flyways to foci: a systematic review and meta-analysis on the role of birds in the maintenance and global dispersal of ticks and tick-borne pathogens. *Parasites & vectors*, 19(1), 88.

Dupeyron M, et al. (2026) Evolutionary history and climate-driven dynamics of transposable elements has shaped genome evolution in the *Coffea* genus. *Scientific reports*, 16(1).

Barrett CF, et al. (2026) Mycoheterotrophy and plastid genome evolution in the early-diverging epidendroid orchid tribe Nervilieae: independent transitions in *Epipogium* and *Stereosandra*. *AoB PLANTS*, 18(1), plag002.

Huai S, et al. (2026) Delineating Bird Ecological Networks in Coastal Areas Based on Seasonal Variations and Ecological Guilds Differences. *Animals : an open access journal from MDPI*, 16(3).

Almeida T, et al. (2026) Viral zoonoses assessment in invasive rodent species from São Tomé and Príncipe. *PloS one*, 21(2), e0341657.

Monguilod P, et al. (2026) Invasive alien mammals pose zoonotic risks to human health in Europe. *One health (Amsterdam, Netherlands)*, 22, 101307.

Simpson MG, et al. (2026) ?Resolving the taxonomic enigma of *Nesocaryum stylosum* (Boraginaceae): phylogenetic evidence for its reclassification as *Cryptantha stylosa*. *PhytoKeys*, 269, 141.

Abdi AA, et al. (2026) Bloodmeal metabarcoding reveals host feeding patterns for *Aedes aegypti* and *Culex quinquefasciatus* in Jutiapa, Guatemala and Texas, USA. *Research square*.

Castellanos-Galindo GA, et al. (2026) First Confirmed Record of a Bull Shark in Lake Gatun, the Freshwater Body of the Panama Canal. *Ecology and evolution*, 16(2), e73114.

Cerdeira-Pérez A, et al. (2026) Specific leaf area modulates but does not explain the association between abiotic stress tolerance and insect feeding guild prevalence in Northern Hemisphere woody plants. *Annals of botany*, 137(7), 2248.

Chen J, et al. (2026) Predicting the Potential Distribution of *Aconitum carmichaelii* Debeaux in China Under Climate Change Using an Optimized MaxEnt Model. *Plants* (Basel, Switzerland), 15(7).

van der Woude J, et al. (2026) An atlas of plant selenium metabolism. *The New phytologist*, 250(4), 2041.

Alvarez van Tussenbroek I, et al. (2026) The genome sequence of the Lesser Horseshoe Bat, *Rhinolophus hipposideros* (Bechstein, 1800) (Chiroptera: Rhinolophidae). *Wellcome open research*, 11, 212.

Rigacci EDB, et al. (2026) Frugivore richness poorly predicts seed dispersal effectiveness under climate change. *Scientific reports*, 16(1).