Resource Summary Report

Generated by ASWG on Aug 4, 2026

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: organization portal, data or information resource, 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: 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

Record Creation Time: 20220129T080233+0000

Record Last Update: 20260804T043257+0000

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 1723 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

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

Burns R, et al. (2026) Diploid origins and early genome stabilization in the allotetraploid Arabidopsis suecica. The New phytologist, 249(1), 524.

, et al. (2025) Commodity risk assessment of Salix caprea and Salix cinerea plants from the UK. EFSA journal. European Food Safety Authority, 23(4), e9384.

Jiang H, et al. (2025) Sounds from the Eocene: the first singing cicada from the Messel Pit, Germany. Scientific reports, 15(1), 12826.

Jian S, et al. (2025) Implications for the distributional range of the European bark beetles under future climate change. Scientific reports, 15(1), 29556.

Tian C, et al. (2025) Different Mechanisms Explain Decoupled Co-Occurrence Patterns of Native and Non-Native Macroinvertebrates. Global change biology, 31(8), e70417.

Wang YX, et al. (2025) Multifaceted Biodiversity Patterns and Influencing Factors of Lucanus Stag Beetles (Coleoptera, Lucanidae) in China. Ecology and evolution, 15(8), e71954.

Liu SY, et al. (2025) An integrative framework reveals widespread gene flow during the early radiation of oaks and relatives in Quercoideae (Fagaceae). Journal of integrative plant biology, 67(4), 1119.

Blanchette RA, et al. (2025) Intercontinental movement of exotic fungi on decorative wood used in aquatic and terrestrial aquariums. Scientific reports, 15(1), 9142.

Yang L, et al. (2025) Predicting suitable habitats of parasitic desert species based on Biomod2 ensemble model: Cynomorium songaricum rupr and its host plants as an example. BMC plant biology, 25(1), 351.

Xu XM, et al. (2025) Next-generation sequencing-based population genetics unravels the evolutionary history of Rhodomyrtus tomentosa in China. BMC plant biology, 25(1), 338.

Roman J, et al. (2025) Migrating baleen whales transport high-latitude nutrients to tropical and subtropical ecosystems. Nature communications, 16(1), 2125.

Wang X, et al. (2025) Projecting the potential distribution of Rickettsia japonica in China and Asian adjacent regions under climate change using the Maxent model. Frontiers in public health, 13, 1478736.

Dai JM, et al. (2025) ???A new species of Sedum (Crassulaceae) from eastern China based on morphological and molecular evidence. PhytoKeys, 253, 271.

Jamison-Todd S, et al. (2025) The evolution of bone-eating worm diversity in the Upper Cretaceous Chalk Group of the United Kingdom. PloS one, 20(4), e0320945.

Wang L, et al. (2025) Species habitat modeling based on image semantic segmentation. Scientific reports, 15(1), 33936.

Khoshnamvand H, et al. (2025) Integrating climate scenarios and advanced modeling to predict freshwater fish invasions: insights from Carassius species in Iran. Scientific reports, 15(1), 38025.

Arifuzzaman S, et al. (2025) Phytochemical profiling and GC-MS analysis of bioactive compounds in methanolic crude extract of Beta vulgaris (BV) root from Bangladesh. PLOS digital health, 4(10), e0001042.

Zhang X, et al. (2025) Aster tataricus L. f.: a review on the botany, phytochemistry, ethnopharmacology, pharmacology, toxicology and comprehensive utilization. Frontiers in pharmacology, 16, 1581505.

Araque Gelves DI, et al. (2025) Ethnomedicinal Uses, Phytochemistry, Pharmacological Activities, and Toxicology of the Subfamily Gomphrenoideae (Amaranthaceae): A Comprehensive Review. Chemistry & biodiversity, 22(9), e202500530.