

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

Darwin Core

RRID:SCR_016778

Type: Tool

Proper Citation

Darwin Core (RRID:SCR_016778)

Resource Information

URL: <https://dwc.tdwg.org/>

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Description: Natural history collections. Offers a stable, straightforward and flexible framework for biodiversity data. Community-developed biodiversity data standard. It includes a glossary of terms (in other contexts these might be called properties, elements, fields, columns, attributes, or concepts) intended to facilitate the sharing of information about biological diversity by providing identifiers, labels, and definitions. Darwin Core is primarily based on taxa, their occurrence in nature as documented by observations, specimens, samples, and related information.

Resource Type: data repository, portal, service resource, organization portal, storage service resource, data or information resource

Defining Citation: [PMID:22238640](#)

Funding: NSF 9808739;
NSF DBI 0345448;
NSF DBI 0108161;
Gordon and Betty Moore Foundation ;
Global Biodiversity Information Facility

Availability: Free, Freely available

Resource Name: Darwin Core

Resource ID: SCR_016778

Alternate URLs: <https://github.com/tdwg/dwc>

License: Creative Commons Attribution 4.0 International

Record Creation Time: 20220129T080332+0000

Ratings and Alerts

No rating or validation information has been found for Darwin Core.

No alerts have been found for Darwin Core.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Bisanti M, et al. (2026) Urban ants of Italy from a long-term community science-based dataset for biodiversity research. *Scientific data*, 13(1).

Te Aika B, et al. (2025) Aotearoa genomic data repository: An ?huru m?wai for taonga species sequencing data. *Molecular ecology resources*, 25(2), e13866.

Osório M, et al. (2025) Mozambique's Colonial-Era Non-Human Primate Collection at the National Museum of Natural History and Science of Lisbon: Taxonomy, Provenance, and Historical Context. *American journal of biological anthropology*, 188(4), e70174.

Paiba-García LC, et al. (2025) Open-Source Marine Biodiversity Data Quality in the Norwegian Sea Spanning 149 Years: Knowledge Gaps in the Deep-Sea Mining Opening Area. *Ecology and evolution*, 15(8), e71852.

Shipley ON, et al. (2024) Design, development, and implementation of IsoBank: A centralized repository for isotopic data. *PloS one*, 19(9), e0295662.

Cicero C, et al. (2024) Arctos: Community-driven innovations for managing natural and cultural history collections. *PloS one*, 19(5), e0296478.

Böhne A, et al. (2024) Contextualising samples: supporting reference genomes of European biodiversity through sample and associated metadata collection. *npj biodiversity*, 3(1), 26.

Pincheira-Ulbrich J, et al. (2023) Exploring the vegetation of the coastal road in Puerto Cisnes, southern Chile: a vascular plant inventory. *Biodiversity data journal*, 11, e107217.

Meyer R, et al. (2023) Aligning Standards Communities for Omics Biodiversity Data: Sustainable Darwin Core-MIxS Interoperability. *Biodiversity data journal*, 11, e112420.

de Sousa AA, et al. (2023) From fossils to mind. *Communications biology*, 6(1), 636.

Martín-Forés I, et al. (2023) The Alien Flora of Australia (AFA), a unified Australian national dataset on plant invasion. *Scientific data*, 10(1), 834.

Di Muri C, et al. (2022) Individual and population-scale carbon and nitrogen isotopic values of *Procambarus clarkii* in invaded freshwater ecosystems. *Biodiversity data journal*, 10, e94411.

Hoban S, et al. (2022) Global genetic diversity status and trends: towards a suite of Essential Biodiversity Variables (EBVs) for genetic composition. *Biological reviews of the Cambridge Philosophical Society*, 97(4), 1511.

Di Muri C, et al. (2022) An individual-based dataset of carbon and nitrogen isotopic data of *Callinectes sapidus* in invaded Mediterranean waters. *Biodiversity data journal*, 10, e77516.

Azzurro E, et al. (2022) ORMEF: a Mediterranean database of exotic fish records. *Scientific data*, 9(1), 363.

Gold Z, et al. (2022) A manager's guide to using eDNA metabarcoding in marine ecosystems. *PeerJ*, 10, e14071.

Boyd RJ, et al. (2021) occAssess: An R package for assessing potential biases in species occurrence data. *Ecology and evolution*, 11(22), 16177.

Anton V, et al. (2021) An open-source, citizen science and machine learning approach to analyse subsea movies. *Biodiversity data journal*, 9, e60548.

Stoudt S, et al. (2021) Principles for data analysis workflows. *PLoS computational biology*, 17(3), e1008770.

Ortega-Andrade HM, et al. (2021) Red List assessment of amphibian species of Ecuador: A multidimensional approach for their conservation. *PloS one*, 16(5), e0251027.