

Resource Summary Report

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SCAR Antarctic Biodiversity Portal

RRID:SCR_023136

Type: Tool

Proper Citation

SCAR Antarctic Biodiversity Portal (RRID:SCR_023136)

Resource Information

URL: <http://www.biodiversity.aq/>

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Description: International effort that seeks to increase our knowledge and understanding of Antarctic and Southern Ocean biodiversity. It is a community of researchers, data custodians and developers from around the world that supports the mobilisation, publication, retrieval and analysis of Antarctic and Southern Ocean biodiversity data in a free and open manner in line with the Antarctic treaty and the FAIR data Principles (Findable, Accessible, Interoperable, Reusable). The SCAR Antarctic biodiversity Portal has a number of portals dedicated to specific types of data and information on Antarctic and Southern Ocean Biodiversity. We aim to create an information ecosystem of various data bases, data systems, web services tools etc that can be used by anyone with an interest in Antarctic and Southern Ocean biodiversity. Biodiversity.aq is an international initiative of the Scientific Committee on Antarctic Research (SCAR). It finds its roots in the Census of Antarctic Marine Life and started in 2005. The central facilities are hosted by the Royal Belgian Institute for Natural sciences (RBINS, www.naturalsciences.be) and the Belgian Biodiversity Platform (BBP, www.biodiversity.be). The SCAR Antarctic Biodiversity Portal is the regional thematic node of the Ocean Biodiversity Information System (OBIS, www.obis.org), the Global Biodiversity Information Facility (GBIF, www.gbif.org) and works closely together with the Southern Ocean Observation System (SOOS, www.soos.aq).

Synonyms: SCAR Antarctic Biodiversity Portal

Resource Type: data repository, service resource, storage service resource

Availability: Free, Freely available

Resource Name: SCAR Antarctic Biodiversity Portal

Resource ID: SCR_023136

Alternate IDs: DOI:10.48361

Alternate URLs: <https://doi.org/10.48361>, <https://dx.doi.org/10.48361>

Record Creation Time: 20230116T062750+0000

Record Last Update: 20260905T133020+0000

Ratings and Alerts

No rating or validation information has been found for SCAR Antarctic Biodiversity Portal.

No alerts have been found for SCAR Antarctic Biodiversity Portal.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Jones SL, et al. (2025) Research Bias in Long-Term Monitoring of Antarctic Nearshore Marine and Terrestrial Biota. *Global change biology*, 31(8), e70392.

Choi S, et al. (2025) Metabarcoding analysis reveals hidden eukaryotic plankton biodiversity in the Ross Sea, Antarctica. *PeerJ*, 13, e20118.

Grillo M, et al. (2024) Planktonic, benthic and sympagic copepods collected from the desalination unit of Mario Zucchelli Research Station in Terra Nova Bay (Ross Sea, Antarctica). *Biodiversity data journal*, 12, e119633.

Noli N, et al. (2024) New distributional records of Southern Ocean Isopoda based on vouchers from the Italian National Antarctic Museum (MNA, Section of Genoa). *Biodiversity data journal*, 12, e127689.

Woodman SM, et al. (2024) CS-PHOC: weekly census counts of Southern Ocean phocids at Cape Shirreff, Livingston Island. *Scientific data*, 11(1), 895.

Leihy RI, et al. (2023) Introduced and invasive alien species of Antarctica and the Southern Ocean Islands. *Scientific data*, 10(1), 200.

Schmider-Martinez A, et al. (2023) Laevilacunaria (Mollusca, Gastropoda) in the Southern Ocean: A comprehensive occurrence dataset. *Biodiversity data journal*, 11, e111982.

Bista I, et al. (2023) Genomics of cold adaptations in the Antarctic notothenioid fish radiation. *Nature communications*, 14(1), 3412.

Bonello G, et al. (2020) Distributional records of Ross Sea (Antarctica) planktic Copepoda from bibliographic data and samples curated at the Italian National Antarctic Museum

(MNA): checklist of species collected in the Ross Sea sector from 1987 to 1995. ZooKeys, 969, 1.