

Resource Summary Report

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OBIS

RRID:SCR_006933

Type: Tool

Proper Citation

OBIS (RRID:SCR_006933)

Resource Information

URL: <http://www.iobis.org/>

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Description: Accepts and provides access to biogeographic data collected throughout the global oceans. The datasets are integrated so you can search them all seamlessly by species name, higher taxonomic level, geographic area, depth, and time; and then map and find environmental data related to the locations. Created by the Census of Marine Life, OBIS is now part of the Intergovernmental Oceanographic Commission (IOC) of UNESCO, under its International Oceanographic Data and Information Exchange (IODE) programme

Abbreviations: OBIS

Synonyms: Ocean Biogeographic Information System Marine

Resource Type: data or information resource, data repository, database, service resource, storage service resource

Keywords: ocean, marine, data set, oceanography, FASEB list

Availability: The community can contribute to this resource

Resource Name: OBIS

Resource ID: SCR_006933

Alternate IDs: nlx_154698, r3d100010088

Alternate URLs: <https://doi.org/10.17616/R33K5G>

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260811T043259+0000

Ratings and Alerts

No rating or validation information has been found for OBIS.

No alerts have been found for OBIS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 179 mentions in open access literature.

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

McCartin LJ, et al. (2026) Accounting for Intra- and Intergenomic Sequence Variation in Reference Barcodes Improves eDNA Metabarcoding Biodiversity Assessment. *Molecular ecology resources*, 26(3), e70130.

Saeedi H, et al. (2026) Gaps and drivers of global marine animal biodiversity from the surface to abyss. *Nature communications*, 17(1).

Barreiro K, et al. (2025) Species richness variation in marine and terrestrial fauna across widespread, fragmented territories: assessing inherent challenges of data scarcity at local and regional scales. *Scientific reports*, 15(1), 21043.

Sanchez L, et al. (2025) eDNA surveys substantially expand known geographic and ecological niche boundaries of marine fishes. *PLoS biology*, 23(10), e3003432.

Chevalier S, et al. (2025) A macrozoobenthic data set of the Black Sea northwestern shelf. *Scientific data*, 12(1), 957.

Yáñez S, et al. (2025) Macroecological patterns of planktonic unicellular eukaryotes richness in the Southeast Pacific Ocean. *Scientific reports*, 15(1), 18833.

Zhang H, et al. (2025) The regulation of rhythmic locomotion by motor cortical and dopaminergic inputs in the mouse striatum. *Molecular brain*, 18(1), 63.

Carter HF, et al. (2025) Deep-sea-floor diversity in Asteroidea is shaped by competing processes across different latitudes and oceans. *Nature ecology & evolution*, 9(10), 1910.

Solway H, et al. (2025) Assessing changing baleen whale distributions and reported incidents relative to vessel activity in the Northwest Atlantic. *PloS one*, 20(1), e0315909.

Lusiana ED, et al. (2025) Bayesian generalized dissimilarity model for marine biodiversity analysis. *MethodsX*, 15, 103532.

Minati F, et al. (2025) Intrinsic Electronic Structure and Inhomogeneity of High-Entropy Layered REOBiS₂ Superconductors. *Inorganic chemistry*, 64(22), 11260.

Csilléry K, et al. (2025) GenDivRange: A global dataset of geo-referenced population genetic diversity across species ranges. *Scientific data*, 12(1), 980.

Policarpo M, et al. (2025) Evolution of the Nonvisual and Visual Opsin Gene Repertoire in Ray-Finned Fishes. *Genome biology and evolution*, 17(7).

Lu Z, et al. (2025) Long-term intravital subcellular imaging with confocal scanning light-field microscopy. *Nature biotechnology*, 43(4), 569.

Findlay HS, et al. (2025) Ocean Acidification: Another Planetary Boundary Crossed. *Global change biology*, 31(6), e70238.

Daraghmeh N, et al. (2025) A Long-Term Ecological Research Data Set From the Marine Genetic Monitoring Program ARMS-MBON 2018-2020. *Molecular ecology resources*, 25(4), e14073.

Stalder S, et al. (2025) Zero-shot deep learning for the annotation of unknown eDNA sequences using co-occurrences and phylogenetic embeddings. *PLoS computational biology*, 21(12), e1013776.

Zhu XL, et al. (2025) Temperature adaptation in structure and function in lactate dehydrogenase-A reflects convergent evolution in a few key protein regions. *Proceedings of the National Academy of Sciences of the United States of America*, 122(42), e2517759122.

DeLeo DM, et al. (2025) Bioluminescence and environmental light drive the visual evolution of deep-sea shrimp (Oplophoroidea). *Communications biology*, 8(1), 213.

Neubauer TA, et al. (2025) Biogeographic patterns of modern benthic shallow-water molluscs and the roles of temperature and palaeogeographic legacy. *Scientific reports*, 15(1), 20304.