Resource Summary Report

Generated by NIF on Sep 9, 2026

WoRMS

RRID:SCR_013312
Type: Tool

Proper Citation

WoRMS (RRID:SCR_013312)

Resource Information

URL: http://marinespecies.org/

Proper Citation: WoRMS (RRID:SCR_013312)

Description: An authoritative and comprehensive list of names of marine organisms, including information on synonymy. While highest priority goes to valid names, other names in use are included so that this register can serve as a guide to interpret taxonomic literature. The content of WoRMS is controlled by taxonomic experts, not by database managers. WoRMS has an editorial management system where each taxonomic group is represented by an expert who has the authority over the content, and is responsible for controlling the quality of the information. Each of these main taxonomic editors can invite several specialists of smaller groups within their area of responsibility to join them. This register of marine species grew out of the European Register of Marine Species (ERMS), and its combination with several other species registers maintained at the Flanders Marine Institute (VLIZ). Rather than building separate registers for all projects, and to make sure taxonomy used in these different projects is consistent, VLIZ developed a consolidated database called "Aphia". A list of marine species registers included in Aphia is available below. MarineSpecies.org is the web interface for this database. The WoRMS is an idea that is being developed, and will combine information from Aphia with other authoritative marine species lists which are maintained by others (e.g. AlgaeBase, FishBase, Hexacorallia, NeMys). Resources to build MarineSpecies.org and Aphia were provided mainly by the EU Network of Excellence "Marine Biodiversity and Ecosystem Functioning" (MarBEF), and also by the EU funded Species 2000 Europe and ERMS projects. Intellectual property rights of the European part of the register is managed through the Society for the Management of Electronic Biodiversity Data (SMEBD). Similar solutions are now being investigated for the other parts of the register.

Synonyms: World Register of Marine Species

Resource Type: data or information resource, database

Keywords: FASEB list

Funding: European Union Network of Excellence

Resource Name: WoRMS

Resource ID: SCR_013312

Alternate IDs: nlx_156921, r3d100010859

Record Creation Time: 20220129T080315+0000

Record Last Update: 20260905T133205+0000

Ratings and Alerts

No rating or validation information has been found for WoRMS.

No alerts have been found for WoRMS.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 506 mentions in open access literature.

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

She J, et al. (2026) DOO: integrated multi-omics resources for deep ocean organisms. Nucleic acids research, 54(D1), D1031.

Xie P, et al. (2026) A Global Dataset on Nutrient Removal Capacity by Marine Macroalgae. Scientific data, 13(1).

Martellos S, et al. (2026) The Italian Taxonomic Backbone: exploiting taxonomic expertise in the country. Biodiversity data journal, 14, e183364.

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.

Weidberg N, et al. (2026) Primary Productivity and Habitat Depth Shape Developmental Mode in European Marine Gastropods. Ecology and evolution, 16(3), e73147.

Lombardo A, et al. (2026) A New Contribution on the Sea Slug (Gastropoda: Heterobranchia) Fauna of the Ustica Island Marine Protected Area (Lower Tyrrhenian Sea, Mediterranean). Biology, 15(8).

Zilz ZL, et al. (2026) A parasite-inclusive food web for the California rocky intertidal zone. Scientific data, 13(1).

Huang W, et al. (2026) Interannual Dynamics of Macrobenthic Communities near a Coastal Nuclear Power Plant: Environmental Drivers and Risks of Cooling Source Blockage. Biology, 15(11).

Lu YB, et al. (2026) The global distribution of Paragonimus species. Infectious diseases of poverty, 15(1).

Zeng R, et al. (2026) Spatial and temporal variation of benthic ecological quality evaluation in the Bohai Bay (China) using benthic indices. Scientific reports, 16(1), 6936.

Berdieva M, et al. (2026) RNA-Binding Proteins in Dinoflagellates. International journal of molecular sciences, 27(1).

Afonso L, et al. (2026) Navigating Cetacean Mitochondrial Genome Data: Identifying Coverage and Deficiencies in Public Repositories. Molecular ecology resources, 26(3), e70141.

De Santiago A, et al. (2026) Pseudoalteromonas is a symbiont of marine invertebrates that exhibits broad patterns of phylosymbiosis. The ISME journal, 20(1).

Göransson P, et al. (2026) Benthic fauna on the edge between different seas-signs of climate change in the Sound (Öresund)? PeerJ, 14, e20996.

Carvalho PC, et al. (2026) 2D to 3D: Exploring Variation of Niche Dimensionality Across Consumers in a Coastal Arctic Ecosystem and Implications on Interpretation. Ecology and evolution, 16(5), e73671.

Knell S, et al. (2026) pr2-Wormifier: A Bioinformatics Pipeline to Create Custom Reference Databases for Improved Metabarcoding of Marine Protists. Molecular ecology resources, 26(5), e70168.

Gardini P, et al. (2026) Checklist and trait dataset of ground-dwelling arthropods across urban habitats in four major Italian cities. Scientific data, 13(1).

Reygondeau G, et al. (2026) AquaX: An enhanced and revised AquaMaps framework to model marine species distributions and biodiversity. PloS one, 21(2), e0335823.

Campmas E, et al. (2026) Aterian shell beads from the coastal site of El Mnasra Cave (Rabat-Témara, Morocco): Specificities of the north African MSA personal ornaments. PloS one, 21(3), e0338785.

Murwanashyaka M, et al. (2026) The Complete Mitochondrial Genomes of Two Octopi of the Western Pacific Ocean, Japetella diaphana and Amphitretus pelagicus (Cephalopoda: Amphitretidae), and Their Phylogenetic Position Within Amphitretidae. Genes, 17(3).