Resource Summary Report

Generated by <u>NIF</u> on May 2, 2025

PANGAEA

RRID:SCR_013119 Type: Tool

Proper Citation

PANGAEA (RRID:SCR_013119)

Resource Information

URL: http://www.stat.washington.edu/thompson/Genepi/pangaea.shtml

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Description: Collection of nine software packages for genetic analysis: BOREL, HARDY, MORGAN (now 2 and 3), Pedpack, InSegT, Loki, MCLEEPS, Pedfiddler, and Eclipse.

Abbreviations: PANGAEA

Synonyms: Pedigree ANalysis for Genetics (And Epidemiological Attributes)

Resource Type: software application, software resource

Keywords: gene, genetic, genomic, c, or, c++, unix, (compaq, solaris, and others), linux

Funding:

Resource Name: PANGAEA

Resource ID: SCR_013119

Alternate IDs: nlx_154507

Record Creation Time: 20220129T080314+0000

Record Last Update: 20250502T060126+0000

Ratings and Alerts

No rating or validation information has been found for PANGAEA.

No alerts have been found for PANGAEA.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 121 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Oldenburg E, et al. (2024) Sea-ice melt determines seasonal phytoplankton dynamics and delimits the habitat of temperate Atlantic taxa as the Arctic Ocean atlantifies. ISME communications, 4(1), ycae027.

Song C, et al. (2024) Inland water greenhouse gas emissions offset the terrestrial carbon sink in the northern cryosphere. Science advances, 10(39), eadp0024.

Roberts WR, et al. (2024) Diatom abundance in the polar oceans is predicted by genome size. PLoS biology, 22(8), e3002733.

Novák Vanclová AM, et al. (2024) New plastids, old proteins: repeated endosymbiotic acquisitions in kareniacean dinoflagellates. EMBO reports, 25(4), 1859.

Wegener G, et al. (2024) Hydrothermal vents supporting persistent plumes and microbial chemoautotrophy at Gakkel Ridge (Arctic Ocean). Frontiers in microbiology, 15, 1473822.

Jonkers L, et al. (2024) ForCenS-LGM: a dataset of planktonic foraminifera species assemblage composition for the Last Glacial Maximum. Scientific data, 11(1), 361.

Shahid N, et al. (2024) Predicting the Combined Effects of Multiple Stressors and Stress Adaptation in Gammarus pulex. Environmental science & technology, 58(29), 12899.

Liu X, et al. (2024) SLC24A-mediated calcium exchange as an indispensable component of the diatom cell density-driven signaling pathway. The ISME journal, 18(1).

Weiß JF, et al. (2024) Unprecedented insights into extents of biological responses to physical forcing in an Arctic sub-mesoscale filament by combining high-resolution measurement approaches. Scientific reports, 14(1), 8192.

Hossain N, et al. (2024) Short-term associations of diarrhoeal diseases in children with temperature and precipitation in seven low- and middle-income countries from Sub-Saharan Africa and South Asia in the Global Enteric Multicenter Study. PLoS neglected tropical diseases, 18(10), e0011834.

Rigonato J, et al. (2023) Ocean-wide comparisons of mesopelagic planktonic community structures. ISME communications, 3(1), 83.

Stenvers VI, et al. (2023) Experimental mining plumes and ocean warming trigger stress in a deep pelagic jellyfish. Nature communications, 14(1), 7352.

Kang HC, et al. (2023) Food web structure for high carbon retention in marine plankton communities. Science advances, 9(50), eadk0842.

Priest T, et al. (2023) Atlantic water influx and sea-ice cover drive taxonomic and functional shifts in Arctic marine bacterial communities. The ISME journal, 17(10), 1612.

Felden J, et al. (2023) PANGAEA - Data Publisher for Earth & Environmental Science. Scientific data, 10(1), 347.

Doré H, et al. (2023) Differential global distribution of marine picocyanobacteria gene clusters reveals distinct niche-related adaptive strategies. The ISME journal, 17(5), 720.

Steffen K, et al. (2022) Oceanographic setting influences the prokaryotic community and metabolome in deep-sea sponges. Scientific reports, 12(1), 3356.

Mbani B, et al. (2022) Implementation of an automated workflow for image-based seafloor classification with examples from manganese-nodule covered seabed areas in the Central Pacific Ocean. Scientific reports, 12(1), 15338.

Nef C, et al. (2022) Whole-genome scanning reveals environmental selection mechanisms that shape diversity in populations of the epipelagic diatom Chaetoceros. PLoS biology, 20(11), e3001893.

Rigou S, et al. (2022) Metagenomic survey of the microbiome of ancient Siberian permafrost and modern Kamchatkan cryosols. microLife, 3, uqac003.