

A Sourceâ€Sink Hypothesis for Abyssal Biodiversity

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Patterns of bathymetric zonation of bivalves in the Porcupine Seabight and adjacent Abyssal plain, NE Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2005, 52, 15-31.	0.6	47
2	POPULATION DIFFERENTIATION DECREASES WITH DEPTH IN DEEP-SEA BIVALVES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1479-1491.	1.1	102
3	POPULATION DIFFERENTIATION DECREASES WITH DEPTH IN DEEP-SEA BIVALVES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1479.	1.1	6
4	LARGE-SCALE BIOGEOGRAPHIC PATTERNS IN MARINE MOLLUSKS: A CONFLUENCE OF HISTORY AND PRODUCTIVITY?. <i>Ecology</i> , 2005, 86, 2288-2297.	1.5	127
5	Recent progress in understanding larval dispersal: new directions and digressions. <i>Integrative and Comparative Biology</i> , 2006, 46, 282-297.	0.9	601
7	Faunal change and bathymetric diversity gradient in deep-sea prosobranchs from Northeastern Atlantic. , 2006, , 317-334.		0
8	Global bathymetric patterns of standing stock and body size in the deep-sea benthos. <i>Marine Ecology - Progress Series</i> , 2006, 317, 1-8.	0.9	409
9	The island rule and the evolution of body size in the deep sea. <i>Journal of Biogeography</i> , 2006, 33, 1578-1584.	1.4	65
10	Bathymetric and geographic population structure in the pan-Atlantic deep-sea bivalve <i>Deminucula atacellana</i> (Schenck, 1939). <i>Molecular Ecology</i> , 2006, 15, 639-651.	2.0	113
11	Faunal change and bathymetric diversity gradient in deep-sea prosobranchs from Northeastern Atlantic. <i>Biodiversity and Conservation</i> , 2006, 15, 3685-3702.	1.2	28
12	Spatial and bathymetric trends in Harpacticoida (Copepoda) community structure in the Northern Gulf of Mexico deep-sea. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 330, 327-341.	0.7	63
13	Cenozoic mass extinctions in the deep sea: What perturbs the largest habitat on Earth?. , 2007, , .		88
14	The relationship between the standing stock of deep-sea macrobenthos and surface production in the western North Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 1350-1360.	0.6	79
15	Slope and deep-sea abundance across scales: Southern Ocean isopods show how complex the deep sea can be. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 1776-1789.	0.6	63
16	Molecular data reveal a highly diverse species flock within the munnopoid deep-sea isopod <i>Betamorpha fusiformis</i> (Barnard, 1920) (Crustacea: Isopoda: Asellota) in the Southern Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 1820-1830.	0.6	103
17	Deep-sea isopod biodiversity, abundance, and endemism in the Atlantic sector of the Southern Ocean—Results from the ANDEEP III expeditions. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 1760-1775.	0.6	97
18	The biodiversity of the deep Southern Ocean benthos. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 39-66.	1.8	151
19	Antarctic macro-zoobenthic communities: a review and an ecological classification. <i>Antarctic Science</i> , 2007, 19, 165-182.	0.5	83

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20	The impact of neutrality, niche differentiation and species input on diversity and abundance distributions. <i>Oikos</i> , 2007, 116, 931-940.	1.2	85
21	Seamounts: identity crisis or split personality?. <i>Journal of Biogeography</i> , 2007, 34, 2001-2008.	1.4	113
22	Diversity and species distribution of polychaetes, isopods and bivalves in the Atlantic sector of the deep Southern Ocean. <i>Polar Biology</i> , 2007, 30, 1265-1273.	0.5	36
23	Do Rapoport's rule, the mid-domain effect or the source-sink hypotheses predict bathymetric patterns of polychaete richness on the Pacific coast of South America?. <i>Global Ecology and Biogeography</i> , 2008, 17, 415-423.	2.7	37
24	Abyssal food limitation, ecosystem structure and climate change. <i>Trends in Ecology and Evolution</i> , 2008, 23, 518-528.	4.2	511
25	Bathymetric zonation and diversity gradient of gastropods and bivalves in West Antarctica from the South Shetland Islands to the Bellingshausen Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2008, 55, 350-368.	0.6	40
26	Epibenthic megacrustaceans from the continental margin, slope and abyssal plain of the Southwestern Gulf of Mexico: Factors responsible for variability in species composition and diversity. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 2667-2678.	0.6	22
27	Bivalvia Of The Deep Atlantic. <i>Malacologia</i> , 2008, 50, 57-173.	0.2	59
28	CLIMATIC INFLUENCES ON DEEP-SEA OSTRACODE (CRUSTACEA) DIVERSITY FOR THE LAST THREE MILLION YEARS. <i>Ecology</i> , 2008, 89, S53-65.	1.5	60
29	<i>Macrostylis cerritus</i> sp. nov., a new species of Macrostylidae (Isopoda: Asellota) from the Weddell Sea, Southern Ocean. <i>Zootaxa</i> , 2009, 2096, 356-370.	0.2	1
30	Exploring Benthic Biodiversity Patterns and Hot Spots on European Margin Slopes. <i>Oceanography</i> , 2009, 22, 16-25.	0.5	46
31	The Future of Integrated Deep-Sea Research in Europe: The HERMIONE Project. <i>Oceanography</i> , 2009, 22, 178-191.	0.5	16
32	Endemicity, Biogeography, Composition, and Community Structure On a Northeast Pacific Seamount. <i>PLoS ONE</i> , 2009, 4, e4141.	1.1	97
33	Bathyal polychaete assemblages in the region of the Subtropical Front, Chatham Rise, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2009, 43, 1121-1135.	0.8	14
34	Temporal latitudinal-gradient dynamics and tropical instability of deep-sea species diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21717-21720.	3.3	88
35	Predicting global habitat suitability for stony corals on seamounts. <i>Journal of Biogeography</i> , 2009, 36, 1111-1128.	1.4	264
36	A new species of <i>Aurospio</i> (Polychaeta, Spionidae) from the Antarctic shelf, with analysis of its ecology, reproductive biology and evolutionary history. <i>Marine Ecology</i> , 2009, 30, 181-197.	0.4	27
37	Bathymetric patterns of deep-sea gastropod species diversity in 10 basins of the Atlantic Ocean and Norwegian Sea. <i>Marine Ecology</i> , 2009, 30, 164-180.	0.4	38

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38	Environmental correlates for tropical tree diversity and distribution patterns in Borneo. <i>Diversity and Distributions</i> , 2009, 15, 523-532.	1.9	90
39	Bathymetric distribution patterns of Southern Ocean macrofaunal taxa: Bivalvia, Gastropoda, Isopoda and Polychaeta. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 2013-2025.	0.6	45
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41	A census of abyssal polychaetes. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1739-1746.	0.6	42
42	An inordinate fondness for turrids. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1724-1731.	0.6	50
43	Ecological theory and continental margins: where shallow meets deep. <i>Trends in Ecology and Evolution</i> , 2009, 24, 606-617.	4.2	175
44	Spatial patterns of benthic diversity in molluscs from West Antarctica. <i>Antarctic Science</i> , 2009, 21, 341.	0.5	7
45	An R ₀ theory for source-sink dynamics with application to <i>Dreissena</i> competition. <i>Theoretical Ecology</i> , 2010, 3, 25-43.	0.4	25
47	Hawaiian hotspots: enhanced megafaunal abundance and diversity in submarine canyons on the oceanic islands of Hawaii. <i>Marine Ecology</i> , 2010, 31, 183-199.	0.4	153
48	The contribution of deep-sea macrohabitat heterogeneity to global nematode diversity. <i>Marine Ecology</i> , 2010, 31, 6-20.	0.4	208
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50	Large-scale patterns in biodiversity of microbial eukaryotes from the abyssal sea floor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 115-120.	3.3	104
51	The shell-bearing, benthic gastropods on the southern part of the continental slope off Norway. <i>Journal of Molluscan Studies</i> , 2010, 76, 234-244.	0.4	17
52	Reappraisal of <i>Cerithiella danielsseni</i> (Gastropoda: Caenogastropoda: Cerithiopsidae): a taxon confined to negative temperatures in the Norwegian Sea. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010, 90, 819-826.	0.4	2
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54	The dynamics of biogeographic ranges in the deep sea. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3533-3546.	1.2	185
55	Biodiversity of a Unique Environment: The Southern Ocean Benthos Shaped and Threatened by Climate Change. , 2011, , 503-526.		12
56	Bait-attending fauna of the Kermadec Trench, SW Pacific Ocean: Evidence for an ecotone across the abyssal-hadal transition zone. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 49-62.	0.6	96

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57	Is there a distinct continental slope fauna in the Antarctic?. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 91-104.	0.6	33
58	Abundance, diversity, and latitudinal gradients of southeastern Atlantic and Antarctic abyssal gastropods. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 49-57.	0.6	16
59	Exon-primed, intron-crossing (EPIC) loci for five nuclear genes in deep-sea protobranch bivalves: primer design, PCR protocols and locus utility. Molecular Ecology Resources, 2011, 11, 1102-1112.	2.2	9
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61	Larval Transport Modeling of Deep-Sea Invertebrates Can Aid the Search for Undiscovered Populations. PLoS ONE, 2011, 6, e23063.	1.1	30
62	Increasing variation in taxonomic distinctness reveals clusters of specialists in the deep sea. Ecography, 2011, 34, 306-317.	2.1	36
63	Elevated species diversity in abyssal gastropods off Newfoundland: the potential role of food supply. Marine Biodiversity, 2011, 41, 537-544.	0.3	0
64	Small-Scale Heterogeneity in Deep-Sea Nematode Communities around Biogenic Structures. PLoS ONE, 2011, 6, e29152.	1.1	43
65	COMMUNITY STRUCTURE: GLOBAL EVALUATION AND THE ROLE OF WITHIN COMMUNITY BETA-DIVERSITY. Journal of Foraminiferal Research, 2011, 41, 138-154.	0.1	10
66	Mesoscale $\hat{\pi}^2$ diversity and spatial nestedness of crustacean larvae in the coastal zone off central southern Chile: population and community implications. ICES Journal of Marine Science, 2012, 69, 429-438.	1.2	6
67	Patterns and controlling factors of species diversity in the Arctic Ocean. Journal of Biogeography, 2012, 39, 2081-2088.	1.4	41
69	Predicting Total Global Species Richness Using Rates of Species Description and Estimates of Taxonomic Effort. Systematic Biology, 2012, 61, 871.	2.7	204
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72	Thirty Years of Forest Census at Barro Colorado and the Importance of Immigration in Maintaining Diversity. PLoS ONE, 2012, 7, e49826.	1.1	53
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77	A proposed biogeography of the deep ocean floor. <i>Progress in Oceanography</i> , 2013, 111, 91-112.	1.5	278
78	Geographic evidence for source-sink dynamics in deep-sea neogastropods of the eastern North Atlantic: an approach using nested analysis. <i>Global Ecology and Biogeography</i> , 2013, 22, 433-439.	2.7	20
79	Geological history of bathyal echinoid faunas, with a new genus from the late Cretaceous of Italy. <i>Geological Magazine</i> , 2013, 150, 177-182.	0.9	7
80	Benthic communities in the deep Mediterranean Sea: exploring microbial and meiofaunal patterns in slope and basin ecosystems. <i>Biogeosciences</i> , 2013, 10, 4861-4878.	1.3	29
81	Investigating the Bivalve Tree of Life – an exemplar-based approach combining molecular and novel morphological characters. <i>Invertebrate Systematics</i> , 2014, 28, 32.	0.5	198
82	A glimpse into the deep of the Antarctic Polar Front – Diversity and abundance of abyssal molluscs. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 108, 93-100.	0.6	13
83	Molecular differentiation in sympatry despite morphological stasis: deep-sea <i>Atlantoserolis</i> Ågele, 1994 and <i>Glabroserolis</i> Menzies, 1962 from the south-west Atlantic (Crustacea: Isopoda: Serolidae). <i>Zoological Journal of the Linnean Society</i> , 2014, 172, 318-359.	1.0	17
84	Marine Environment Around Iceland: Hydrography, Sediments and First Predictive Models of Icelandic Deep-sea Sediment Characteristics. <i>Polish Polar Research</i> , 2014, 35, 151-176.	0.9	24
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87	Does energy availability predict gastropod reproductive strategies?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140400.	1.2	8
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89	Explaining bathymetric diversity patterns in marine benthic invertebrates and demersal fishes: physiological contributions to adaptation of life at depth. <i>Biological Reviews</i> , 2014, 89, 406-426.	4.7	119
90	Bathymetric patterns of polychaete (Annelida) species richness in the continental shelf of the Gulf of California, Eastern Pacific. <i>Journal of Sea Research</i> , 2014, 91, 79-87.	0.6	7
91	Molecular differentiation in sympatry despite morphological stasis: deep-sea <i>Atlantoserolis</i> Ågele, 1994 and <i>Glabroserolis</i> Menzies, 1962 from the south-west Atlantic (Crustacea: Isopoda: Serolidae). <i>Zoological Journal of the Linnean Society</i> . 0...	1.0	0
92	Occurrence of <i>Benthonella</i> Dall 1889 in the Cenozoic (Paleogene) of France: a present-day abyssal and bathyal mollusc (Gastropoda: Caenogastropoda: Rissoidae). <i>Archiv Für Molluskenkunde</i> , 2014, 143, 21-32.	0.0	2
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96	The community of deep-sea decapod crustaceans between 175 and 2600m in submarine canyons of a volcanic oceanic island (central-eastern Atlantic). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 105, 83-95.	0.6	10
97	Toward a Conceptual Understanding of β -Diversity in the Deep-Sea Benthos. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2015, 46, 623-642.	3.8	45
98	Modeling the Population-Level Processes of Biodiversity Gain and Loss at Geological Timescales. <i>American Naturalist</i> , 2015, 186, 742-754.	1.0	8
99	Abyssal macrofauna of the Kuril-Kamchatka Trench area (Northwest Pacific) collected by means of a camera-epibenthic sledge. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 111, 175-187.	0.6	61
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101	Speciation in the dark: diversification and biogeography of the deep-sea gastropod genus <i>Scaphander</i> in the Atlantic Ocean. <i>Journal of Biogeography</i> , 2015, 42, 843-855.	1.4	28
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104	Composition and distribution of bivalves of the abyssal plain adjacent to the Kuril-Kamchatka Trench (Pacific Ocean). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 111, 188-197.	0.6	25
105	Cutting the Umbilical: New Technological Perspectives in Benthic Deep-Sea Research. <i>Journal of Marine Science and Engineering</i> , 2016, 4, 36.	1.2	39
106	An End-to-End DNA Taxonomy Methodology for Benthic Biodiversity Survey in the Clarion-Clipperton Zone, Central Pacific Abyss. <i>Journal of Marine Science and Engineering</i> , 2016, 4, 2.	1.2	81
107	Depth-related gradients in community structure and relatedness of bivalves and isopods in the Southern Ocean. <i>Progress in Oceanography</i> , 2016, 144, 25-38.	1.5	8
108	Deep-sea diversity patterns are shaped by energy availability. <i>Nature</i> , 2016, 533, 393-396.	13.7	202
109	Depth as a driver of evolution in the deep sea: Insights from grenadiers (Gadiformes: Macrouridae) of the genus <i>Coryphaenoides</i> . <i>Molecular Phylogenetics and Evolution</i> , 2016, 104, 73-82.	1.2	26
110	Assemblages of deep-sea fishes on the middle slope off Northwest Africa (26°-33° N, eastern Atlantic). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 118, 66-83.	0.6	8
111	Bathymetric and regional changes in benthic macrofaunal assemblages on the deep Eastern Brazilian margin, SW Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 111, 110-120.	0.6	27
112	Marine Biodiversity, Biogeography, Deep-Sea Gradients, and Conservation. <i>Current Biology</i> , 2017, 27, R511-R527.	1.8	243

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114	Synopsis of the deep-sea groups of Triphoroidea (Gastropoda). <i>Journal of Natural History</i> , 2017, 51, 853-865.	0.2	2
115	Invertebrate population genetics across Earth's largest habitat: The deep-sea floor. <i>Molecular Ecology</i> , 2017, 26, 4872-4896.	2.0	87
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117	A comparative experimental approach to ecotoxicology in shallow-water and deep-sea holothurians suggests similar behavioural responses. <i>Aquatic Toxicology</i> , 2017, 191, 10-16.	1.9	27
118	Nestedness and species replacement along bathymetric gradients in the deep sea reflect productivity: a test with polychaete assemblages in the oligotrophic north-west Gulf of Mexico. <i>Journal of Biogeography</i> , 2017, 44, 548-555.	1.4	23
119	Incorporating ecosystem services into environmental management of deep-seabed mining. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 137, 486-503.	0.6	93
120	Distribui�o da comunidade megab�ntica ao longo da plataforma e talude continental da Bacia de Campos. , 2017, , 139-166.		5
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122	Evaluating environmental drivers of spatial variability in free-living nematode assemblages along the Portuguese margin. <i>Biogeosciences</i> , 2017, 14, 651-669.	1.3	11
123	Unusually diverse, abundant and endemic deep-sea sponge fauna revealed in the Sea of Okhotsk (NW) Tj ETQq0,0 0 rgBT /Overlock 10 Tf 50 2	0.6	10
124	Predictive models using randomForest regression for distribution patterns of meiofauna in Icelandic waters. <i>Marine Biodiversity</i> , 2018, 48, 719-735.	0.3	11
125	Biogeographic distributions of Cytheropteron species (Ostracoda) in Icelandic waters (sub-polar) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.3	11
126	Diversity of macrofaunal Mollusca of the abyssal Vema Fracture Zone and hadal Puerto Rico Trench, Tropical North Atlantic. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 148, 45-53.	0.6	9
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129	Bivalve molluscs of the abyssal zone of the Sea of Okhotsk: Species composition, taxonomic remarks, and comparison with the abyssal fauna of the Pacific Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 154, 230-248.	0.6	19
130	Adding the Third Dimension to Marine Conservation. <i>Conservation Letters</i> , 2018, 11, e12408.	2.8	27

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131	First insights into the solenogaster diversity of the Sea of Okhotsk with the description of a new species of Kruppomenia (Simrothiellidae, Cavibelonia). Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 154, 214-229.	0.6	7
132	Bryozoa (Cyclostomata and Ctenostomata) from polymetallic nodules in the Russian exploration area, Clarionâ€“Clipperton Fracture Zone, eastern Pacific Oceanâ€“taxon novelty and implications of mining. Zootaxa, 2018, 4484, 1-91.	0.2	12
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135	Dark Ophiuroid Biodiversity in a Prospective Abyssal Mine Field. Current Biology, 2019, 29, 3909-3912.e3.	1.8	43
136	Deepest known gastropod fauna: Species composition and distribution in the Kurilâ€“Kamchatka Trench. Progress in Oceanography, 2019, 178, 102176.	1.5	11
137	Of basins, plains, and trenches: Systematics and distribution of Solenogastres (Mollusca,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 502 Td (1.5	8
138	Endemicity and community composition of marine species along the NW Pacific and the adjacent Arctic Ocean. Progress in Oceanography, 2019, 178, 102199.	1.5	10
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