

Genomics reveals abundant speciation in the coral reef *Conkodes* (Corallinales, Rhodophyta)

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#	ARTICLE	IF	CITATIONS
1	Sporolithon mesophoticum sp. nov. (Sporolithales, Rhodophyta) from Plantagenet Bank off Bermuda at a depth of 178 m. Phytotaxa, 2018, 385, 67.	0.3	8
2	Conspecificity of the Peruvian <i>Corallina ferreyrae</i> with <i>C. caespitosa</i> (Corallinaceae). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tt 50 Resources, 2019, 4, 1285-1286.	0.4	25
3	Trophic control of cryptic coralline algal diversity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15080-15085.	7.1	38
4	<i>Sporolithon amadoi</i> sp. nov. (Sporolithales, Rhodophyta), a new rhodolith-forming non-geniculate coralline alga from offshore the northwestern Gulf of Mexico and Brazil. Phytotaxa, 2019, 423, 49-67.	0.3	5
5	Coralline Algae in a Changing Mediterranean Sea: How Can We Predict Their Future, if We Do Not Know Their Present?. Frontiers in Marine Science, 2019, 6, .	2.5	42
6	The complete mitochondrial and plastid genomes of <i>Corallina chilensis</i> (Corallinaceae). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tt 50 1879-1880.	0.4	2
7	De novo transcriptome assembly for four species of crustose coralline algae and analysis of unique orthologous genes. Scientific Reports, 2019, 9, 12611.	3.3	10
8	<i>Lithophyllum longense</i> (Corallinales, Rhodophyta): a species with a widespread Indian Ocean distribution. Phytotaxa, 2019, 419, 149-168.	0.3	10
9	Mediterranean <i>Lithophyllum stictiforme</i> (Corallinales, Rhodophyta) is a genetically diverse species complex: implications for species circumscription, biogeography and conservation of coralligenous habitats. Journal of Phycology, 2019, 55, 473-492.	2.3	65
10	Genetic analysis of the Linnaean <i>Ulva lactuca</i> (Ulvales, Chlorophyta) holotype and related type specimens reveals name misapplications, unexpected origins, and new synonymies. Journal of Phycology, 2019, 55, 503-508.	2.3	79
11	Impacts of Ocean Warming on Coralline Algal Calcification: Meta-Analysis, Knowledge Gaps, and Key Recommendations for Future Research. Frontiers in Marine Science, 2019, 6, .	2.5	71
12	<i>Neopolyporolithon loculosum</i> is a junior synonym of <i>N. arcticum</i> comb. nov. (Hapalidiales). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tt 50 4	0.4	4
13	Elevated CO2 Leads to Enhanced Photosynthesis but Decreased Growth in Early Life Stages of Reef Building Coralline Algae. Frontiers in Marine Science, 2019, 5, .	2.5	20
14	Species-Specific Differences in the Microbiomes and Organic Exudates of Crustose Coralline Algae Influence Bacterioplankton Communities. Frontiers in Microbiology, 2019, 10, 2397.	3.5	16
15	High diversity of coralline algae in New Zealand revealed: Knowledge gaps and implications for future research. PLoS ONE, 2019, 14, e0225645.	2.5	37
16	Late glacial to deglacial variation of coralgal assemblages in the Great Barrier Reef, Australia. Global and Planetary Change, 2019, 174, 70-91.	3.5	13
17	Phylogenomics and multigene phylogenies decipher two new cryptic marine algae from California, <i>Gelidium gabrielsonii</i> and <i>G. kathyanniae</i> (Gelidiales, Rhodophyta). Journal of Phycology, 2019, 55, 160-172.	2.3	22
18	<i>Adeylithon bosencei</i> gen. et sp. nov. (Corallinales, Rhodophyta): a new reef-building genus with anatomical affinities with the fossil <i>Aethesolithon</i> . Journal of Phycology, 2019, 55, 134-145.	2.3	10

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19	A new model of Holocene reef initiation and growth in response to sea-level rise on the Southern Great Barrier Reef. <i>Sedimentary Geology</i> , 2020, 397, 105556.	2.1	15
20	DNA Sequencing of Type Material Reveals <i>Pneophyllum marlothii</i> comb. nov. from South Africa and <i>P. Adiscoideum</i> comb. nov. (Chamberlainoideae, Corallinales, Rhodophyta) from Argentina. <i>Journal of Phycology</i> , 2020, 56, 1625-1641.	2.3	9
21	Evolutionary Phycology: Toward a Macroalgal Species Conceptual Framework. <i>Journal of Phycology</i> , 2020, 56, 1404-1413.	2.3	4
22	Complete Mitochondrial Genomes Reveal Population-Level Patterns in the Widespread Red Alga <i>Gelidiella fanii</i> (Gelidiales, Rhodophyta). <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	8
23	Circumscription of <i>Lithophyllum racemus</i> (Corallinales, Rhodophyta) from the western Mediterranean Sea reveals the species <i>Lithophyllum pseudoracemus</i> sp. nov. <i>Phycologia</i> , 2020, 59, 584-597.	1.4	14
24	Reassessment of misapplied names, <i>Phymatolithon ferox</i> and <i>P. repandum</i> (Hapalidiales,) Tj ETQq1 1 0.784314 rgBT /O collected material. <i>Phycologia</i> , 2020, 59, 449-455.	1.4	10
25	Effects of water temperature, light and nitrate on the growth of sporelings of the non-geniculate coralline alga <i>Lithophyllum okamurae</i> (Corallinales, Rhodophyta). <i>Journal of Applied Phycology</i> , 2020, 32, 1923-1931.	2.8	8
26	Corallinapetrales and Corallinapetraceae: A new order and family of coralline red algae including <i>Corallinapetra gabriellii</i> comb. nov.. <i>Journal of Phycology</i> , 2021, 57, 849-862.	2.3	13
27	Bottom Trawling Threatens Future Climate Refugia of Rhodoliths Globally. <i>Frontiers in Marine Science</i> , 2021, 7, .	2.5	27
28	Macroalgal calcification and the effects of ocean acidification and global warming. <i>Marine and Freshwater Research</i> , 2021, , .	1.3	2
29	Bioerosion of reef-building crustose coralline algae by endolithic invertebrates in an upwelling-influenced reef. <i>Coral Reefs</i> , 2021, 40, 651-662.	2.2	7
30	DNA Sequence Analyses Reveal Two New Species of <i>Caloglossa</i> (Delesseriaceae, Rhodophyta) from the Skin of West Indian Manatees. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 163.	2.6	7
31	Cryptofauna associated with rhodoliths: Diversity is species-specific and influenced by habitat. <i>Marine Ecology</i> , 2021, 42, e12647.	1.1	6
32	DNA sequencing of type material and newly collected specimens reveals two heterotypic synonyms for <i>Harveylithon munitum</i> (Metagoniolithoideae, Corallinales, Rhodophyta) and three new species. <i>Journal of Phycology</i> , 2021, 57, 1234-1253.	2.3	4
33	<i>Lithothamnion</i> (Hapalidiales, Rhodophyta) in the changing Arctic and Subarctic: DNA sequencing of type and recent specimens provides a systematics foundation*. <i>European Journal of Phycology</i> , 2021, 56, 468-493.	2.0	13
34	Major loss of coralline algal diversity in response to ocean acidification. <i>Global Change Biology</i> , 2021, 27, 4785-4798.	9.5	22
35	Type specimen sequencing, multilocus analyses, and species delimitation methods recognize the cosmopolitan <i>Corallina berteroi</i> and establish the northern Japanese <i>C. yendoi</i> sp. nov. (Corallinaceae, Rhodophyta). <i>Journal of Phycology</i> , 2021, 57, 1659-1672.	2.3	15
36	Reinstatement of Indian Ocean <i>Porolithon coarctatum</i> and <i>P. Agardineri</i> based on sequencing type specimens, and <i>P. Aepiphyticum</i> sp. nov. (Corallinales, Rhodophyta), with comments on subfamilies Hydrolithoideae and Metagoniolithoideae. <i>Botanica Marina</i> , 2021, 64, 363-377.	1.2	3

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37	Diversity, distribution, and environmental drivers of coralline red algae: the major reef builders in the Southwestern Atlantic. <i>Coral Reefs</i> , 2022, 41, 711-725.	2.2	18
38	Different resiliencies in coral communities over ecological and geological time scales in American Samoa. <i>Marine Ecology - Progress Series</i> , 2021, 673, 55-68.	1.9	6
40	Low irradiance amplifies negative effects of ocean acidification on recruitment of coralline algae communities. <i>Marine Ecology - Progress Series</i> , 2021, 674, 103-113.	1.9	4
41	Pleistocene coralline algal buildups on a mid-ocean rocky shore – Insights into the MIS 5e record of the Azores. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 579, 110598.	2.3	2
42	Taxonomic revisions based on genetic analysis of type specimens of <i>Ulva conglobata</i> , <i>U. laetevirens</i> , <i>U. pertusa</i> and <i>U. spathulata</i> (Ulvales, Chlorophyta). <i>Phycological Research</i> , 2021, 69, 148-153.	1.6	18
43	The need to employ reliable and reproducible species identifications in coralline algal research. <i>Marine Ecology - Progress Series</i> , 2020, 654, 225-231.	1.9	21
44	Understanding coralline algal responses to ocean acidification: Meta-analysis and synthesis. <i>Global Change Biology</i> , 2022, 28, 362-374.	9.5	22
45	Factors Limiting the Range Extension of Corals into High-Latitude Reef Regions. <i>Diversity</i> , 2021, 13, 632.	1.7	14
46	<i>Phymatolithopsis</i> gen. nov. (Hapalidiales, Corallinophycidae, Rhodophyta) based on molecular and morpho-anatomical evidence. <i>Journal of Phycology</i> , 2022, 58, 161-178.	2.3	5
47	First report of any species of the red algal order Nemaliales from mainland Ecuador: <i>Neoizziella asiatica</i> (Liagoraceae, Rhodophyta). <i>Botanica Marina</i> , 2022, 65, 135-139.	1.2	0
65	Ancient Tethyan Vicariance and Long-Distance Dispersal Drive Global Diversification and Cryptic Speciation in the Red Seaweed <i>Pterocladia</i> . <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	7
66	The Punta de la Mona Rhodolith Bed: Shallow-Water Mediterranean Rhodoliths (Almuñecar, Granada.) Tj ETQq1 1 0,784314 rgBT /O	1.8	0
67	Transcriptome of the coralline alga <i>Calliarthron tuberculosum</i> (Corallinales, Rhodophyta) reveals convergent evolution of a partial lignin biosynthesis pathway. <i>PLoS ONE</i> , 2022, 17, e0266892.	2.5	4
68	Community assessment of crustose calcifying red algae as coral recruitment substrates. <i>PLoS ONE</i> , 2022, 17, e0271438.	2.5	9
69	Small tropical islands as hotspots of crustose calcifying red algal diversity and endemism. <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	6
70	<i>Scarus spinus</i> , crustose coralline algae and cyanobacteria: an example of dietary specialization in the parrotfishes. <i>Coral Reefs</i> , 2022, 41, 1465-1479.	2.2	6
71	Cell wall organic matrix composition and biomineralization across reef-building coralline algae under global change. <i>Journal of Phycology</i> , 2023, 59, 111-125.	2.3	3
72	Resolving some of the earliest names for <i>Corallina</i> species (Corallinales, Rhodophyta) in the north Pacific by sequencing type specimens and describing the cryptic <i>C. hakodatensis</i> sp. nov. and <i>C. parva</i> sp. nov.. <i>Journal of Phycology</i> , 0, , .	2.3	0

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74	A New Species from the Canary Islands Increases the Diversity of the Red Algal Genus <i>Pterocladia</i> in the Northeastern Atlantic. <i>Plants</i> , 2023, 12, 416.	3.5	0
75	Crustose coralline algae can contribute more than corals to coral reef carbonate production. <i>Communications Earth & Environment</i> , 2023, 4, .	6.8	10
76	Multi-gene phylogeny reveals a new genus and species of Hapalidiales (Rhodophyta) from Antarctica: <i>Thalassolithon adeliense</i> gen. nov. & sp. nov. <i>Phycologia</i> , 2023, 62, 83-98.	1.4	1
77	An efficient diazotroph-derived nitrogen transfer pathway in coral reef system. <i>Limnology and Oceanography</i> , 2023, 68, 963-981.	3.1	2
78	Hierarchical settlement behaviours of coral larvae to common coralline algae. <i>Scientific Reports</i> , 2023, 13, .	3.3	7
79	Taxonomic contributions to Hapalidiales (Corallinophycidae, Rhodophyta): <i>Boreolithothamnion</i> gen. nov., <i>Lithothamnion</i> redefined and with three new species and <i>Roseolithon</i> with new combinations. <i>Journal of Phycology</i> , 2023, 59, 751-774.	2.3	2
80	Interferon-induced transmembrane protein 3 in hepatocellular carcinoma patients. <i>BMC Cancer</i> , 2023, 23, .	2.6	0
81	Asia Pacific <i>Sporolithon</i> (Corallinophycidae, Rhodophyta) species revised based on DNA sequencing of type specimens and including <i>S. crypticum</i> sp. nov., <i>S. immotum</i> sp. nov. and <i>S. nodosum</i> sp. nov. <i>Phycologia</i> , 0, , 1-15.	1.4	0
82	Seasonal upwelling conditions promote growth and calcification in reef-building coralline algae. <i>Journal of Phycology</i> , 2023, 59, 908-925.	2.3	1
83	New branched <i>Porolithon</i> species (Corallinales, Rhodophyta) from the Great Barrier Reef, Coral Sea, and Lord Howe Island. <i>Journal of Phycology</i> , 2023, 59, 1179-1201.	2.3	0
84	Distributional range shifts of Western Atlantic benthic <i>Sargassum</i> species (Fucales, Phaeophyceae) under future climate change scenarios. <i>Aquatic Botany</i> , 2024, 190, 103705.	1.6	0
86	Larval precompetency and settlement behaviour in 25 Indo-Pacific coral species. <i>Communications Biology</i> , 2024, 7, .	4.4	0
87	Taxonomic assessment of blade-forming <i>Ulva</i> species (Ulvales, Chlorophyta) in the Galápagos Archipelago, Ecuador using DNA sequencing. <i>Botanica Marina</i> , 2024, 67, 153-164.	1.2	2