

Gary W Saunders

List of Publications by Year in descending order

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196
papers

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docs citations

199
times ranked

4260
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying DNA barcoding to red macroalgae: a preliminary appraisal holds promise for future applications. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 1879-1888.	4.0	644
2	CBOL Protist Working Group: Barcoding Eukaryotic Richness beyond the Animal, Plant, and Fungal Kingdoms. <i>PLoS Biology</i> , 2012, 10, e1001419.	5.6	488
3	A MULTI-GENE MOLECULAR INVESTIGATION OF THE KELP (LAMINARIALES, PHAEOPHYCEAE) SUPPORTS SUBSTANTIAL TAXONOMIC RE-ORGANIZATION1. <i>Journal of Phycology</i> , 2006, 42, 493-512.	2.3	262
4	ULTRASTRUCTURE AND 18SRRNA GENE SEQUENCE FOR PELAGOMONAS CALCEOLATAGEN. ET SP. NOV. AND THE DESCRIPTION OF A NEW ALGAL CLASS, THE PELAGOPHYCEAE CLASSIS NOV.1. <i>Journal of Phycology</i> , 1993, 29, 701-715.	2.3	217
5	GEL PURIFICATION OF RED ALGAL GENOMIC DNA: AN INEXPENSIVE AND RAPID METHOD FOR THE ISOLATION OF POLYMERASE CHAIN REACTION-FRIENDLY DNA1. <i>Journal of Phycology</i> , 1993, 29, 251-254.	2.3	200
6	Small-subunit rRNA gene sequences from representatives of selected families of the Gigartinales and Rhodymeniales (Rhodophyta). 1. Evidence for the Plocamiales ord.nov.. <i>Canadian Journal of Botany</i> , 1994, 72, 1250-1263.	1.1	194
7	Refinements for the amplification and sequencing of red algal DNA barcode and RedToL phylogenetic markers: a summary of current primers, profiles and strategies. <i>Algae</i> , 2013, 28, 31-43.	2.3	193
8	Methods for DNA Barcoding Photosynthetic Protists Emphasizing the Macroalgae and Diatoms. <i>Methods in Molecular Biology</i> , 2012, 858, 207-222.	0.9	183
9	DNA BARCODING IS A POWERFUL TOOL TO UNCOVER ALGAL DIVERSITY: A CASE STUDY OF THE PHYLLOPHORACEAE (GIGARTINALES, RHODOPHYTA) IN THE CANADIAN FLORA. <i>Journal of Phycology</i> , 2010, 46, 374-389.	2.3	180
10	A molecular assessment of northeast Pacific Alaria species (Laminariales, Phaeophyceae) with reference to the utility of DNA barcoding. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 634-648.	2.7	172
11	Barcoding Diatoms: Exploring Alternatives to COI-5P. <i>Protist</i> , 2011, 162, 405-422.	1.5	165
12	Assessing red algal supraordinal diversity and taxonomy in the context of contemporary systematic data. <i>American Journal of Botany</i> , 2004, 91, 1494-1507.	1.7	156
13	A DNA barcode examination of the red algal family Dumontiaceae in Canadian waters reveals substantial cryptic species diversity. 1. The foliose <i>Dilsea</i> complex and <i>Weeksia</i> This paper is one of a selection of papers published in the Special Issue on Systematics Research.. <i>Botany</i> . 2008. 86. 773-789.	1.0	145
14	A nuclear phylogeny of the Florideophyceae (Rhodophyta) inferred from combined EF2, small subunit and large subunit ribosomal DNA: Establishing the new red algal subclass Corallinophycidae. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 1118-1130.	2.7	141
15	Divergence time estimates and the evolution of major lineages in the florideophyte red algae. <i>Scientific Reports</i> , 2016, 6, 21361.	3.3	139
16	Phylogenetic relationships of the "golden algae"™ (haptophytes, heterokont chromophytes) and their plastids. <i>Plant Systematics and Evolution Supplementum = Entwicklungsgeschichte Und Systematik Der Pflanzen Supplementum</i> , 1997, , 187-219.	1.5	114
17	Routine DNA barcoding of Canadian Gracilariales (Rhodophyta) reveals the invasive species <i>Gracilaria vermiculophylla</i> in British Columbia. <i>Molecular Ecology Resources</i> , 2009, 9, 140-150.	4.8	114
18	Small-subunit rRNA gene sequences from representatives of selected families of the Gigartinales and Rhodymeniales (Rhodophyta). 2. Recognition of the Halymeniales ord.nov.. <i>Canadian Journal of Botany</i> , 1996, 74, 694-707.	1.1	112

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19	MOLECULAR SYSTEMATICS OF THE FLORIDEOPHYCEAE (RHODOPHYTA) USING NUCLEAR LARGE AND SMALL SUBUNIT rDNA SEQUENCE DATA. <i>Journal of Phycology</i> , 2001, 37, 1073-1082.	2.3	106
20	NUCLEOTIDE SEQUENCES OF THE SMALL-SUBUNIT RIBOSOMAL RNA GENES FROM SELECTED LAMINARIALES (PHAEOPHYTA): IMPLICATIONS FOR KELP EVOLUTION ¹ . <i>Journal of Phycology</i> , 1992, 28, 544-549.	2.3	103
21	PHYLOGENY OF THE BATRACHOSPERMALES (RHODOPHYTA) INFERRED FROM <i>rbcL</i> AND 18S RIBOSOMAL DNA GENE SEQUENCES. <i>Journal of Phycology</i> , 1998, 34, 341-350.	2.3	101
22	Data mining approach identifies research priorities and data requirements for resolving the red algal tree of life. <i>BMC Evolutionary Biology</i> , 2010, 10, 16.	3.2	101
23	Cladistic analyses of combined traditional and molecular data sets reveal an algal lineage.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 244-248.	7.1	95
24	A DNA barcode examination of the Laminariaceae (Phaeophyceae) in Canada reveals novel biogeographical and evolutionary insights. <i>Phycologia</i> , 2010, 49, 235-248.	1.4	93
25	A Molecular Survey of <i>Ulva</i> (Chlorophyta) in Temperate Australia Reveals Enhanced Levels of Cosmopolitanism. <i>Journal of Phycology</i> , 2013, 49, 69-81.	2.3	86
26	CRYPTOMONAD EVOLUTION: NUCLEAR 18S rDNA PHYLOGENY VERSUS CELL MORPHOLOGY AND PIGMENTATION ¹ . <i>Journal of Phycology</i> , 2002, 38, 1236-1244.	2.3	84
27	Small-subunit rDNA sequences from representatives of selected families of the Gigartinales and Rhodymeniales (Rhodophyta). 3. Delineating the Gigartinales sensu stricto. <i>Canadian Journal of Botany</i> , 2004, 82, 43-74.	1.1	83
28	Assigning morphological variants of <i>Fucus</i> (Fucales, Phaeophyceae) in Canadian waters to recognized species using DNA barcoding. <i>Botany</i> , 2008, 86, 1065-1079.	1.0	82
29	On the utility of DNA barcoding for species differentiation among brown macroalgae (Phaeophyceae) including a novel extraction protocol. <i>Phycological Research</i> , 2009, 57, 131-141.	1.6	81
30	Multigene phylogenetic analyses support recognition of the Sporolithales ord. nov.. <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 302-305.	2.7	77
31	THE INVASIVE GENUS <i>SPARAGOPSIS</i> (BONNEMAISONIACEAE, RHODOPHYTA): MOLECULAR SYSTEMATICS, MORPHOLOGY, AND ECOPHYSIOLOGY OF FALKENBERGIA ISOLATES. <i>Journal of Phycology</i> , 2004, 40, 1112-1126.	2.3	75
32	A comparison of two DNA barcode markers for species discrimination in the red algal family Kallymeniaceae (Gigartinales, Florideophyceae), with a description of <i>Euthora timburtonii</i> sp. nov.. <i>Botany</i> , 2010, 88, 119-131.	1.0	75
33	PHYLOGENY OF THE DUMONTIACEAE (GIGARTINALES, RHODOPHYTA) AND ASSOCIATED FAMILIES BASED ON SSU rDNA AND INTERNAL TRANSCRIBED SPACER SEQUENCE DATA. <i>Journal of Phycology</i> , 2001, 37, 184-196.	2.3	71
34	A Molecular Phylogenetic Study of the Tribe Corallineae (Corallinales, Rhodophyta) with an Assessment of Genus-Level Taxonomic Features and Descriptions of Novel Genera. <i>Journal of Phycology</i> , 2013, 49, 103-114.	2.3	70
35	Molecular divergence and morphological diversity among four cryptic species of <i>Plocamium</i> (Plocamiales, Florideophyceae) in northern Europe. <i>European Journal of Phycology</i> , 2005, 40, 293-312.	2.0	68
36	PHYLOGENETIC AFFINITIES OF THE SARCINOCHRYSIDALES AND CHRYSOMERIDALES (HETEROKONTA) BASED ON ANALYSES OF MOLECULAR AND COMBINED DATA ¹ . <i>Journal of Phycology</i> , 1997, 33, 310-318.	2.3	67

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37	A SURVEY OF BANGIALES (RHODOPHYTA) BASED ON MULTIPLE MOLECULAR MARKERS REVEALS CRYPTIC DIVERSITY ¹ . <i>Journal of Phycology</i> , 2012, 48, 869-882.	2.3	65
38	Phylogenetic relationships of the Raphidophyceae and Xanthophyceae as inferred from nucleotide sequences of the 18s ribosomal RNA gene. <i>American Journal of Botany</i> , 1997, 84, 966-972.	1.7	62
39	Glacial vicariance drives phylogeographic diversification in the amphi-boreal kelp <i>Saccharina latissima</i> . <i>Scientific Reports</i> , 2018, 8, 1112.	3.3	61
40	A re-classification of the Acrochaetiales based on molecular and morphological data, and establishment of the Colaconematales ord. nov. (Florideophyceae, Rhodophyta). <i>European Journal of Phycology</i> , 2002, 37, 463-476.	2.0	60
41	The families of the order Rhodymeniales (Rhodophyta): a molecular-systematic investigation with a description of Faucheaceae fam. nov.. <i>Phycologia</i> , 1999, 38, 23-40.	1.4	59
42	RESOLVING EVOLUTIONARY RELATIONSHIPS AMONG THE BROWN ALGAE USING CHLOROPLAST AND NUCLEAR GENES ¹ . <i>Journal of Phycology</i> , 2008, 44, 394-405.	2.3	58
43	Phylogenesis of pit-plug-associated features in the Rhodophyta: inferences from molecular systematic data. <i>Canadian Journal of Botany</i> , 1997, 75, 1436-1447.	1.1	54
44	Acquiring DNA sequence data from dried archival red algae (Florideophyceae) for the purpose of applying available names to contemporary genetic species: a critical assessment. <i>Botany</i> , 2012, 90, 191-203.	1.0	53
45	AN EVALUATION OF METHODS USED TO ASSESS INTERGENERIC HYBRIDIZATION IN KELP USING PACIFIC LAMINARIALES (PHAEOPHYCEAE)1. <i>Journal of Phycology</i> , 2005, 41, 250-262.	2.3	49
46	Patterns and drivers of species diversity in the Indo-Pacific red seaweed <i>Portieria</i> . <i>Journal of Biogeography</i> , 2018, 45, 2299-2313.	3.0	46
47	DNA EXTRACTION METHODS FOR KELP (LAMINARIALES) TISSUE1. <i>Journal of Phycology</i> , 1992, 28, 712-716.	2.3	45
48	Molecular-assisted alpha taxonomy reveals pseudocryptic diversity among species of <i>Bossiella</i> (Corallinales, Rhodophyta) in the eastern Pacific Ocean. <i>Phycologia</i> , 2014, 53, 443-456.	1.4	44
49	Phylogenetic relationships of <i>Polysiphonia</i> (Rhodomelaceae, Rhodophyta) and its relatives based on anatomical and nuclear small-subunit rDNA sequence data. <i>Canadian Journal of Botany</i> , 2001, 79, 1465-1476.	1.1	43
50	Sexing Arctic Terns in the Field and Laboratory. <i>Waterbirds</i> , 2004, 27, 314-320.	0.3	40
51	PHYLOGENETIC ANALYSES OF THE RED ALGAL ORDER RHODYMENIALES SUPPORTS RECOGNITION OF THE HYMENOCLADIACEAE FAM. NOV., FRYEELLACEAE FAM. NOV., AND <i>Neogastroclonium</i> GEN. NOV. ¹ . <i>Journal of Phycology</i> , 2008, 44, 1556-1571.	2.3	40
52	<i>Ramicrusta textilis</i> sp. nov. (Peyssonneliaceae, Rhodophyta), an anatomically complex Caribbean alga that overgrows corals. <i>Phycologia</i> , 2009, 48, 480-491.	1.4	39
53	DNA barcoding reveals multiple overlooked Australian species of the red algal order Rhodymeniales (Florideophyceae), with resurrection of <i>Halopeltis</i> J.Agardh and description of <i>Pseudohalopeltis</i> gen. nov.. <i>Botany</i> , 2010, 88, 639-667.	1.0	39
54	Combining small and large subunit ribosomal DNA genes to resolve relationships among orders of the Rhodymeniophycidae (Rhodophyta): recognition of the Acrosymphytales ord. nov. and Sebdeniales ord. nov.. <i>European Journal of Phycology</i> , 2006, 41, 379-394.	2.0	37

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55	Phylogenetic analyses of anatomical and nuclear SSU rDNA sequence data indicate that the Dasyaceae and Delesseriaceae (Ceramiales, Rhodophyta) are polyphyletic. <i>European Journal of Phycology</i> , 2002, 37, 551-569.	2.0	36
56	The phylogenetic affinities of <i>Notheia anomala</i> (Fucales, Phaeophyceae) as determined from partial small-subunit rRNA gene sequences. <i>Phycologia</i> , 1995, 34, 383-389.	1.4	35
57	PHYLOGENETIC RELATIONSHIPS OF SPECIES OF UNCERTAIN TAXONOMIC POSITION WITHIN THE ACROCHAETIALES-PALMARIALES COMPLEX (RHODOPHYTA): INFERENCES FROM PHENOTYPIC AND 18S rDNA SEQUENCE DATA1. <i>Journal of Phycology</i> , 1995, 31, 601-611.	2.3	34
58	TWO NEW AUSTRALIAN SPECIES OF PREDAEA (NEMASTOMATAACEAE, RHODOPHYTA) WITH TAXONOMIC RECOMMENDATIONS FOR AN EMENDED NEMASTOMATALES AND EXPANDED HALYMENIALES1. <i>Journal of Phycology</i> , 2002, 38, 1245-1260.	2.3	34
59	A REVISION OF THE SYSTEMATICS OF THE NIZYMENIACEAE (GIGARTINALES, RHODOPHYTA) BASED ON POLYSACCHARIDES, ANATOMY, AND NUCLEOTIDE SEQUENCES1. <i>Journal of Phycology</i> , 1995, 31, 153-166.	2.3	33
60	Title is missing!. <i>Journal of Applied Phycology</i> , 2000, 12, 25-35.	2.8	33
61	Long distance kelp rafting impacts seaweed biogeography in the Northeast Pacific: the kelp conveyor hypothesis. <i>Journal of Phycology</i> , 2014, 50, 968-974.	2.3	33
62	Unique biodiversity in Arctic marine forests is shaped by diverse recolonization pathways and far northern glacial refugia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22590-22596.	7.1	33
63	DNA barcoding unmask overlooked diversity improving knowledge on the composition and origins of the Churchill algal flora. <i>BMC Ecology</i> , 2013, 13, 9.	3.0	32
64	A PHYLOGENETIC ANALYSIS OF THE SYNUROPHYCEAE USING MOLECULAR DATA AND SCALE CASE MORPHOLOGY1. <i>Journal of Phycology</i> , 1997, 33, 135-151.	2.3	31
65	Unraveling the <i>Asteromenia peltata</i> species complex with clarification of the genera <i>Halichrysis</i> and <i>Drouetia</i> (Rhodymeniaceae, Rhodophyta). <i>Canadian Journal of Botany</i> , 2006, 84, 1581-1607.	1.1	31
66	Phylogenetic analyses of transcriptome data resolve familial assignments for genera of the red-algal Acrochaetiales-Palmariales Complex (Nemaliophycidae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 119, 151-159.	2.7	31
67	Large subunit rDNA and <i>rbcl</i> gene sequence data place <i>Petrohua bernabei</i> gen. et sp. nov. in the Batrachospermales (Rhodophyta), but do not provide further resolution among taxa in this order. <i>Phycological Research</i> , 2007, 55, 103-112.	1.6	30
68	A molecular assessment of species diversity and generic boundaries in the red algal tribes Polysiphoniae and Streblocladiae (Rhodomelaceae, Rhodophyta) in Canada. <i>European Journal of Phycology</i> , 2019, 54, 1-25.	2.0	30
69	Phylogenetic Analyses Support Recognition of Ten New Genera, Ten New Species and 16 New Combinations in the Family Kallymeniaceae (Gigartinales, Rhodophyta). <i>Cryptogamie, Algologie</i> , 2017, 38, 79.	0.9	30
70	A UNIQUELY CALCIFIED BROWN ALGA FROM HAWAII: <i>NEWHOUSIA IMBRICATA</i> GEN. ET SP. NOV. (DICTYOTALES, PHAEOPHYCEAE)1. <i>Journal of Phycology</i> , 2004, 40, 383-394.	2.3	29
71	Notes on the marine algae of the Bermudas. 11. More additions to the benthic flora and a phylogenetic assessment of <i>Halymenia pseudofloresii</i> (Halymeniales, Rhodophyta) from its type locality. <i>Phycologia</i> , 2010, 49, 154-168.	1.4	29
72	An examination of the red algal genus <i>Pugetia</i> (Kallymeniaceae, Gigartinales), with descriptions of <i>Salishia firma</i> gen. & comb. nov., <i>Pugetia cryptica</i> sp. nov. and <i>Beringia wyneii</i> sp. nov.. <i>Phycologia</i> , 2012, 51, 33-61.	1.4	29

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73	Phylogenetic study of the Nemaliales (Rhodophyta) based on large-subunit ribosomal DNA sequences supports segregation of the Scinaiaceae fam. nov. and resurrection of <i>Dichotomaria</i> Lamarck. <i>Phycological Research</i> , 2004, 52, 224-234.	1.6	29
74	Nuclear small-subunit ribosomal RNA gene sequences from representative Ceramiales (Ceramiales), <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	2.0	28
75	Nuclear small-subunit rDNA sequences from <i>Ballia</i> spp. (Rhodophyta): proposal of the Balliales ord. nov., Balliaceae fam. nov., <i>Ballia nana</i> sp. nov. and <i>Inkyuleea</i> gen. nov. (Ceramiales). <i>Phycologia</i> , 2000, 39, 272-287.	1.4	28
76	Phylogenetic study of the Nemaliales (Rhodophyta) based on large-subunit ribosomal DNA sequences supports segregation of the Scinaiaceae fam. nov. and resurrection of <i>Dichotomaria</i> Lamarck. <i>Phycological Research</i> , 2004, 52, 224-234.	1.6	28
77	Kelp transcriptomes provide robust support for interfamilial relationships and revision of the little known Arthrothamnaceae (Laminariales). <i>Journal of Phycology</i> , 2017, 53, 1-6.	2.3	28
78	Biology of <i>Furcellaria lumbricalis</i> (Hudson) Lamouroux (Rhodophyta: Gigartinales), a commercial carrageenophyte. <i>Journal of Applied Phycology</i> , 1991, 3, 61-82.	2.8	27
79	Revision of the kelp family Alariaceae and the taxonomic affinities of <i>Lessoniopsis</i> Reinke (Laminariales), <i>Tj ETQq1 1,0,784314 rgBT /Ove</i>	2.0	27
80	Collections of the invasive species <i>Grateloupia turuturu</i> (Halymeniales, Rhodophyta) from Tasmania, Australia. <i>Phycologia</i> , 2006, 45, 711-714.	1.4	26
81	Endemic or introduced? Phylogeography of <i>Asparagopsis</i> (Florideophyceae) in Australia reveals multiple introductions and a new mitochondrial lineage. <i>Journal of Phycology</i> , 2016, 52, 141-147.	2.3	26
82	Amplified Fragment Length Polymorphism (AFLP) as a source of genetic markers for red algae. <i>Journal of Applied Phycology</i> , 1998, 10, 365-370.	2.8	25
83	PHYLOGENETIC RELATIONSHIPS AMONG LINEAGES OF THE CERAMIALEAE (CERAMIALES, RHODOPHYTA) BASED ON NUCLEAR SMALL SUBUNIT rDNA SEQUENCE DATA ¹ . <i>Journal of Phycology</i> , 2008, 44, 1033-1048.	2.3	25
84	Recognition of <i>Rubrointrusa membranacea</i> gen. et comb. nov., <i>Rhodonematella subimmersa</i> gen. et comb. nov. (with a reinterpretation of the life history) and the Meiodiscaceae fam. nov. within the Palmariales (Rhodophyta). <i>Phycologia</i> , 2010, 49, 283-300.	1.4	25
85	Evidence for the introduction of the Asian red alga <i>Neosiphonia japonica</i> and its introgression with <i>Neosiphonia harveyi</i> (Ceramiales, Rhodophyta) in the Northwest Atlantic. <i>Molecular Ecology</i> , 2015, 24, 5927-5937.	3.9	25
86	A molecular phylogenetic and DNA barcode assessment of the tribe Pterosiphonieae (Ceramiales), <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.0	25
87	DNA barcoding of the marine macroalgae from Nome, Alaska (Northern Bering Sea) reveals many trans-Arctic species. <i>Polar Biology</i> , 2019, 42, 851-864.	1.2	25
88	Ten people-centered rules for socially sustainable ecosystem restoration. <i>Restoration Ecology</i> , 2022, 30, e13574.	2.9	25
89	A molecular systematic investigation of the Acrochaetiales (Florideophycidae, Rhodophyta) and related taxa based on nuclear small-subunit ribosomal DNA sequence data. <i>European Journal of Phycology</i> , 1998, 33, 221-229.	2.0	24
90	Affinities of the freshwater red alga <i>Audouinella macrospora</i> (Florideophyceae, Rhodophyta) and related forms based on ssu rRNA gene sequence analysis and pit plug ultrastructure. <i>Journal of Phycology</i> , 2001, 36, 433-440.	2.3	24

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91	A Comparison of Morphological and Molecular-Based Surveys to Estimate the Species Richness of Chaetoceros and Thalassiosira (Bacillariophyta), in the Bay of Fundy. PLoS ONE, 2013, 8, e73521.	2.5	24
92	MOLECULAR SYSTEMATIC ANALYSES INDICATE THAT THE ENIGMATIC APOPHLAEA IS A MEMBER OF THE HILDENBRANDIALES (RHODOPHYTA, FLORIDEOPHYCIDAE). Journal of Phycology, 1999, 35, 171-175.	2.3	23
93	INFRAGENERIC TAXONOMY OF AHNFELTIA (AHNFELTIALES, RHODOPHYTA). Journal of Phycology, 1989, 25, 351-368.	2.3	22
94	Rhodachlya madagascarensis gen. et sp. nov.: a distinct acrochaetoid represents a new order and family (Rhodachlyales ord. Nov., Rhodachlyaceae fam. Nov.) of the Florideophyceae (Rhodophyta). Phycologia, 2008, 47, 203-212.	1.4	21
95	Multigene phylogeny of the red algal subclass Nemaliophycidae. Molecular Phylogenetics and Evolution, 2016, 94, 730-736.	2.7	21
96	Molecular markers from three organellar genomes unravel complex taxonomic relationships within the coralline algal genus Chiharaea (Corallinales, Rhodophyta). Molecular Phylogenetics and Evolution, 2013, 67, 529-540.	2.7	20
97	DNA barcoding and phylogenetics of Ramicrusta and Incendia gen. nov., two early diverging lineages of the Peyssonneliaceae (Rhodophyta). Phycologia, 2013, 52, 82-108.	1.4	20
98	Resolving species diversity in the red algal genus <i>Callophyllis</i> (Kallymeniaceae, Gigartinales) in Canada using molecular assisted alpha taxonomy. European Journal of Phycology, 2013, 48, 27-46.	2.0	19
99	On the utility of mucilage ducts as a taxonomic character in <i>Laminaria</i> and <i>Saccharina</i> (Phaeophyceae) – the conundrum of <i>S. groenlandica</i> . Phycologia, 2015, 54, 440-450.	1.4	19
100	A molecular investigation of Canadian Scytosiphonaceae (Phaeophyceae) including descriptions of <i>Planosiphon</i> gen. nov. and <i>Scytosiphon promiscuus</i> sp. nov.. Botany, 2017, 95, 653-671.	1.0	19
101	Global biogeography and diversification of a group of brown seaweeds (Phaeophyceae) driven by clade-specific evolutionary processes. Journal of Biogeography, 2021, 48, 703-715.	3.0	19
102	The morphology, reproduction and small-subunit rRNA gene sequence of Cephalocystis (Rhodymeniaceae, Rhodophyta), a new genus based on Cordylecladia furcellata J. Agardh from Australia. Phycologia, 1996, 35, 48-60.	1.4	18
103	Nuclear rDNA sequences from <i>Ballia prieurii</i> support recognition of <i>Balliopsis</i> gen. nov. in the Batrachospermales (Florideophyceae, Rhodophyta). Phycologia, 2002, 41, 61-67.	1.4	18
104	Establishment of the onset of host specificity in four phyllobothriid tapeworm species (Cestoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.5	18
105	A new taxonomic interpretation of the type of <i>Plocamium cartilagineum</i> (Plocamiales,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2	2.0	18
106	DNA barcoding of Canadian Ahnfeltiales (Rhodophyta) reveals a new species – <i>Ahnfeltia borealis</i> sp. nov.. Phycologia, 2012, 51, 247-259.	1.4	18
107	A DNA barcode survey of the red algal genus Mazzaella in British Columbia reveals overlooked diversity and new distributional records: descriptions of <i>M. dewreedei</i> sp. nov. and <i>M. macrocarpa</i> sp. nov.. Botany, 2014, 92, 223-231.	1.0	18
108	When is a family not a family?. BioSystems, 1992, 28, 109-116.	2.0	17

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109	Phylogenetic relationships of <i>Polysiphonia</i> (Rhodomelaceae, Rhodophyta) and its relatives based on anatomical and nuclear small-subunit rDNA sequence data. Canadian Journal of Botany, 2001, 79, 1465-1476.	1.1	17
110	<i>Crassitegula walsinghamii</i> (Sebdeniaceae, Halymeniales), a new red algal genus and species from Bermuda based upon morphology and SSU rDNA sequence analyses. European Journal of Phycology, 2006, 41, 115-124.	2.0	17
111	The monospecific genus <i>Meredithia</i> (Kallymeniaceae, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50) <sc>A</sc>tlantic, <sc>P</sc>acific, and <sc>I</sc>ndian <sc>O</sc>ceans. Journal of Phycology, 2014, 50, 167-186.	2.3	17
112	Intensive land-based production of red and green macroalgae for human consumption in the Pacific Northwest: an evaluation of seasonal growth, yield, nutritional composition, and contaminant levels. Algae, 2018, 33, 109-125.	2.3	17
113	Molecular investigation reveals epi/endophytic extrageneric kelp (Laminariales, Phaeophyceae) gametophytes colonizing <i>Lessoniopsis littoralis</i> thalli. Botanica Marina, 2005, 48, .	1.2	16
114	A review of the red algal genus <i>Leptofauchea</i> (Faucheaceae, Rhodymeniales) including a description of <i>L. chilensis</i> sp. nov. Phycologia, 2007, 46, 198-213.	1.4	16
115	A floristic survey of marine tube-forming diatoms reveals unexpected diversity and extensive co-habitation among genetic lines of the <i>Berkeleya rutilans</i> complex (Bacillariophyceae). European Journal of Phycology, 2014, 49, 47-59.	2.0	16
116	<i>Fredericqia deveauniensis</i> , gen. et sp. nov. (Phyllophoraceae, Rhodophyta), a New Cryptogenic Species. Cryptogamie, Algologie, 2013, 34, 273-296.	0.9	15
117	Reproductive morphology and DNA sequences of the brown alga <i>Platysiphon verticillatus</i> support the new combination <i>Platysiphon glacialis</i> . Journal of Phycology, 2015, 51, 910-917.	2.3	15
118	Trans-Arctic speciation of Florideophyceae (Rhodophyta) since the opening of the Bering Strait, with consideration of the species pump hypothesis. Journal of Biogeography, 2019, 46, 694-705.	3.0	15
119	A DNA barcode survey of marine macroalgae from Bergen (Norway). Marine Biology Research, 2019, 15, 580-589.	0.7	15
120	First record of the invasive red alga <i>Heterosiphonia japonica</i> (Ceramiales, Rhodophyta) in Canada. BioInvasions Records, 2013, 2, 27-32.	1.1	15
121	Morphology and reproduction of <i>Meiodiscus spetsbergensis</i> (Kjellman) gen. et comb. nov., a new genus of Rhodophysemataceae (Rhodophyta). Phycologia, 1991, 30, 272-286.	1.4	14
122	Restriction enzyme mapping of the nuclear ribosomal cistron in selected Laminariales (Phaeophyta): a phylogenetic assessment. Canadian Journal of Botany, 1991, 69, 2647-2654.	1.1	14
123	The morphology, taxonomy, and molecular phylogeny of <i>Heterocladia</i> and <i>Trigenea</i> (rhodomelaceae, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50) 36, 199-219.	2.3	14
124	<i>Entwisleia bella</i> , gen. et sp. nov., a novel marine batrachospermaceous red alga from southeastern Tasmania representing a new family and order in the Nemaliophycidae. European Journal of Phycology, 2013, 48, 398-410.	2.0	14
125	Application of multigene phylogenetics and site-stripping to resolve intraordinal relationships in the Rhodymeniales (Rhodophyta). Journal of Phycology, 2016, 52, 339-355.	2.3	14
126	Life-history variation in <i>Rhodophysema elegans</i> (Palmariales, Rhodophyta) from the North Atlantic and crustose <i>Rhodophysema</i> spp. from the North Pacific. Canadian Journal of Botany, 1989, 67, 2857-2872.	1.1	13

#	ARTICLE	IF	CITATIONS
127	An assessment of two taxonomic distinctness indices for detecting seaweed assemblage responses to environmental stress. <i>Botanica Marina</i> , 2005, 48, .	1.2	13
128	Etheliaceae fam. nov. (Gigartinales, Rhodophyta), with a clarification of the generic type of <i>Ethelia</i> and the addition of six novel species from warm waters. <i>Journal of Phycology</i> , 2015, 51, 1158-1171.	2.3	13
129	<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
130	Using molecular data to resolve the taxonomic limits of the genera <i>Callophyllis</i> , <i>Euthora</i> and <i>Pugetia</i> (Kallymeniaceae, Rhodophyta). <i>Phycological Research</i> , 2002, 50, 275-281.	1.6	13
131	DNA Barcoding Sheds Light on Novel Records in the Tunisian Red Algal Flora. <i>Cryptogamie, Algologie</i> , 2019, 40, 5.	0.9	13
132	<i>Crebradomus</i> and <i>Dissimularia</i> , new genera in the family Chondrymeniaceae (Gigartinales, Rhodophyta) from the central, southern and western Pacific Ocean. <i>Phycologia</i> , 2014, 53, 146-166.	1.4	11
133	Resurrecting the red algal genus <i>Grania</i> within the order Acrochaetales (Florideophyceae, Rhodophyta). <i>European Journal of Phycology</i> , 2008, 43, 151-160.	2.0	10
134	A DNA barcode survey of Haida Gwaii kelp (Laminariales, Phaeophyceae) reveals novel ecological and distributional observations and <i>Saccharina druehlii</i> sp. nov.. <i>Botany</i> , 2014, 92, 821-826.	1.0	10
135	A DNA barcode survey of <i>Schizymenia</i> (Nemastomatales, Rhodophyta) in Australia and British Columbia reveals overlooked diversity including <i>S. tenuis</i> sp. nov. and <i>Predaea borealis</i> sp. nov.. <i>Botany</i> , 2015, 93, 859-871.	1.0	10
136	Molecular-assisted alpha taxonomy of the genus <i>Rhodymenia</i> (Rhodymeniaceae, Rhodymeniales) from Australia reveals overlooked species diversity. <i>European Journal of Phycology</i> , 2016, 51, 354-367.	2.0	10
137	A revision of the genus <i>Cryptonemia</i> (Halymeniaceae, Rhodophyta) in Bermuda, western Atlantic Ocean, including five new species and <i>C. bermudensis</i> (Collins & M. Howe) comb. nov.. <i>European Journal of Phycology</i> , 2018, 53, 350-368.	2.0	10
138	New species of <i>Galene</i> and <i>Howella</i> gen. nov. (Halymeniaceae, Rhodophyta) from the mesophotic zone off Bermuda. <i>Phycologia</i> , 2019, 58, 690-697.	1.4	10
139	Taxonomic assessment of North American species of the genera <i>Cumathamnion</i> , <i>Delesseria</i> , <i>Membranoptera</i> and <i>Pantoneura</i> (Delesseriaceae, Rhodophyta) using molecular data. <i>Algae</i> , 2012, 27, 155-173.	2.3	10
140	Historical versus contemporary measures of seaweed biodiversity in the Bay of Fundy. <i>Botany</i> , 2009, 87, 1066-1076.	1.0	9
141	A study of two <i>Acrochaetium</i> complexes in Canada with distinction of <i>Rhododrewia</i> gen. nov. (Acrochaetales, Rhodophyta). <i>Phycologia</i> , 2014, 53, 221-232.	1.4	9
142	Multigene analyses resolve early diverging lineages in the Rhodymeniophycidae (Florideophyceae, Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50	2.3	9
143	Collections from the mesophytic zone off Bermuda reveal three species of Kallymeniaceae (Gigartinales, Rhodophyta) in genera with transoceanic distributions. <i>Journal of Phycology</i> , 2019, 55, 415-424.	2.3	9
144	Chiixuu Tll inasdll: Indigenous Ethics and Values Lead to Ecological Restoration for People and Place in Gwaii Haanas. <i>Ecological Restoration</i> , 2021, 39, 45-51.	0.8	9

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146	PHYLOGENETIC AFFINITIES OF <i>CHRYSONEPHELE PALUSTRIS</i> (CHRYSOPHYCEAE) BASED ON INFERRED NUCLEAR SMALL-SUBUNIT RIBOSOMAL RNA SEQUENCE1. <i>Journal of Phycology</i> , 1997, 33, 132-134.	2.3	8
147	A new monotypic family for the enigmatic crustose red alga <i>Plagiospora gracilis</i> . <i>Botanical Journal of the Linnean Society</i> , 2016, 182, 1-13.	1.6	8
148	A new species of <i>Digenea</i> (Rhodomelaceae, Ceramiales) based upon a molecular assessment and morphological observations of plants historically known as <i>D. simplex</i> in Bermuda. <i>Phytotaxa</i> , 2018, 338, 90.	0.3	8
149	Updates to the Marine Algal Flora of the Boulder Patch in the Beaufort Sea off Northern Alaska as Revealed by DNA Barcoding + Supplementary Appendix 1 (See Article Tools). <i>Arctic</i> , 2017, 70, .	0.4	8
150	Considerations of life history, morphology and taxonomy in <i>Rhodophysema georgii</i> Batters (Rhodophyta, Palmariales). <i>British Phycological Journal</i> , 1989, 24, 63-71.	1.2	7
151	Bringing order to red algal families: taxonomists ask the jurists 'Who's in charge here?'. <i>Phycologia</i> , 2000, 39, 358-361.	1.4	7
152	<i>Halichrysis corallinarius</i> sp. nov. (Rhodymeniaceae, Rhodophyta) from Puerto Rico, Caribbean Sea. <i>Phycological Research</i> , 2007, 55, 240-248.	1.6	7
153	A new genus and species from the North Atlantic, <i>Archestenogramma profundum</i> (Phyllophoraceae, Rhodophyta), with taxonomic resolution of the orphaned <i>Leptofauchea brasiliensis</i> . <i>European Journal of Phycology</i> , 2011, 46, 442-452.	2.0	7
154	Taxonomic and molecular studies of the family <i>Sebdeniaceae</i> (Sebdeniales, Rhodophyta): new species of <i>Lesleigha</i> gen. nov. and <i>Crassitegula</i> from Hawaii, east Asia and Lord Howe Island. <i>European Journal of Phycology</i> , 2011, 46, 416-441.	2.0	7
155	<i>Pseudopolyides furcellarioides</i> gen. et sp. nov. (Gigartinales, Rhodophyta) an erect member of the <i>Cruoriaceae</i> based on morphological and molecular evidence. <i>Phycologia</i> , 2013, 52, 191-203.	1.4	7
156	Evidence for genotypic differentiation between marine snails (<i>Littorina sitkana</i>) from the upper- and lower-intertidal zone in Bamfield Inlet (British Columbia, Canada). <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 389-396.	1.5	7
157	Genetic barcoding resolves the historically known red alga <i>Champia parvula</i> from southern New England, USA, as <i>C. farlowii</i> sp. nov. (Champiaceae, Rhodymeniales). <i>Phytotaxa</i> , 2017, 302, 77.	0.3	7
158	<i>Ottia meiospora</i> (Ottiaceae, Rhodophyta), a new genus and family endophytic within the thallus of <i>Nothocladus</i> (Batrachospermales, Rhodophyta). <i>Journal of Phycology</i> , 2018, 54, 79-84.	2.3	7
159	Taxonomic investigation of <i>Ralfsia</i> -like (Ralfsiales, Phaeophyceae) taxa in the North Atlantic Ocean based on molecular and morphological data, with descriptions of <i>Pseudoralfsiaceae</i> fam. nov., <i>Pseudoralfsia azorica</i> gen. et sp. nov. and <i>Nuchella vesicularis</i> gen. et sp. nov.. <i>European Journal of Phycology</i> , 2021, 56, 12-23.	2.0	7
160	Using molecular data to resolve the taxonomic limits of the genera <i>Callophyllis</i> , <i>Euthora</i> and <i>Pugetia</i> (Kallymeniaceae, Rhodophyta). <i>Phycological Research</i> , 2002, 50, 275-281.	1.6	7
161	First report of <i>Halopeltis</i> (Rhodophyta, Rhodymeniaceae) from the non-tropical Northern Hemisphere: <i>H. adnata</i> (Okamura) comb. nov. from Korea, and <i>H. pellucida</i> sp. nov. and <i>H. willisii</i> sp. nov. from the North Atlantic. <i>Algae</i> , 2012, 27, 95-108.	2.3	7
162	<i>Rhytymenia</i> , a new genus of red algae based on the rare <i>Kallymenia maculata</i> (Kallymeniaceae.), <i>Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 62</i>	1.4	6

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163	Detecting <i>Alaria esculenta</i> and <i>Laminaria digitata</i> (Laminariales, Phaeophyceae) gametophytes in red algae, with consideration of distribution patterns in the intertidal zone. <i>Phycologia</i> , 2018, 57, 1-8.	1.4	6
164	<i>Commanderella</i> gen. nov. and new insights into foliose Kallymeniaceae (Rhodophyta) from the Russian Pacific coast based on molecular studies. <i>Phycologia</i> , 2020, 59, 200-207.	1.4	6
165	Providing a valid epithet for the species widely known as <i>Halosaccocolax kjellmanii</i> S. Lund (Palmariales, Rhodophyta) – <i>Rhodophysema kjellmanii</i> sp. nov. <i>Phycologia</i> , 2010, 49, 628-628.	1.4	5
166	A re-examination of the genus <i>Leptofauchea</i> (Faucheaceae, Rhodymeniales) with clarification of species in Australia and the northwest Pacific. <i>Phycologia</i> , 2015, 54, 375-384.	1.4	5
167	Characterization of the putatively introduced red alga <i>Acrochaetium secundatum</i> (Acrochaetales, Rhodophyta) growing epizoically on the pelage of southern sea otters (<i>Enhydra</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 547	1.4	5
168	PCR fishing for red endophytes in British Columbia Kallymeniaceae (Gigartinales,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547	2.3	5
169	Assessment of the order Rhodymeniales (Rhodophyta) from British Columbia using an integrative taxonomic approach reveals overlooked and cryptic species diversity. <i>Botany</i> , 2018, 96, 359-383.	1.0	5
170	Notes on the Marine Algae of the Bermudas. 12. A phylogenetic Assessment of <i>Nemastoma gelatinosum</i> M. Howe (Rhodophyta, Nemastomatales) from its Type Locality ¹. <i>Cryptogamie, Algologie</i> , 2011, 32, 313-325.	0.9	4
171	A multigene phylogenetic assessment of the <i>Dilsea/Neodilsea</i> species complex (Dumontiaceae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 547	1.2	4
172	Notes on the Marine Algae of the Bermudas. 13. <i>Helminthocladia kempii</i> sp. nov. (Nemaliales,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547	0.9	4
173	A contaminant DNA barcode sequence reveals a new red algal order, Corynodactylales (Nemaliophycidae, Florideophyceae). <i>Botany</i> , 2017, 95, 561-566.	1.0	4
174	Key Kamchatkan collections provide new taxonomic and distributional insights for reportedly pan- North Pacific species of Rhodymeniophycidae (Rhodophyta). <i>Phycologia</i> , 2017, 56, 296-302.	1.4	4
175	A molecular-assisted investigation of diversity, biogeography and phylogenetic relationships for species of Neoptilota and Ptilota (Wrangeliaceae, Rhodophyta) reported along Canadian coasts. <i>Phycologia</i> , 2017, 56, 36-53.	1.4	4
176	Mychodea and the Mychodeaceae (Gigartinales, Rhodophyta) revisited: molecular analyses shed light on interspecies relationships in Australia’s largest endemic algal genus and family. <i>Australian Systematic Botany</i> , 2017, 30, 230.	0.9	4
177	A molecular survey of <i>Ralfsia</i> sensu stricto (Ralfsiales, Phaeophyceae) in Canada uncovers three new species: <i>R. robertii</i> sp. nov., <i>R. tenebris</i> sp. nov., and <i>R. unimaculata</i> sp. nov.. <i>Botany</i> , 2019, 97, 135-147.	1.0	4
178	Two new species of Solieriaceae (Rhodophyta, Gigartinales) from the euphotic and mesophotic zones off Bermuda, <i>Meristotheca odontoloma</i> and <i>Tepoztequiella muriamans</i> . <i>Phycologia</i> , 2020, 59, 177-185.	1.4	4
179	A survey of Sam Orr’s Pond (New Brunswick, Canada) uncovers the invasive green alga <i>Codium fragile</i> (Chlorophyta) and the orange-striped green anemone <i>Diadumene lineata</i> (Cnidaria), first records for the Bay of Fundy and Canada, respectively. <i>BioInvasions Records</i> , 2013, 2, 185-189.	1.1	4
180	The phylogeographic history of amphitropical <i>Callophyllis variegata</i> (Florideophyceae, Rhodophyta) in the Pacific Ocean. <i>Algae</i> , 2019, 34, 91-97.	2.3	4

#	ARTICLE	IF	CITATIONS
181	Population genetic analyses are consistent with the introduction of <i>Ceramium secundatum</i> (Ceramiaceae, Rhodophyta) to Narragansett Bay, Rhode Island, USA. <i>Ecology and Evolution</i> , 2015, 5, 5088-5095.	1.9	3
182	Taxonomic study of the brown algal genus <i>Chorda</i> (Chordaceae, Laminariales) with description of the new species <i>Chorda borealis</i> from Alaska and northern Canada. <i>European Journal of Phycology</i> , 2019, 54, 509-517.	2.0	3
183	The pseudodichotomous <i>Dasya sylviae</i> sp. nov. (Delesseriaceae, Ceramiales) from 60–90 m mesophotic reefs off Bermuda. <i>European Journal of Taxonomy</i> , 0, 751, 24-37.	0.6	3
184	Reinstatement of Indian Ocean <i>Porolithon coarctatum</i> and <i>P. Agardineri</i> based on sequencing type specimens, and <i>P. Epiphyticum</i> sp. nov. (Corallinales, Rhodophyta), with comments on subfamilies Hydrolithoideae and Metagoniolithoideae. <i>Botanica Marina</i> , 2021, 64, 363-377.	1.2	3
185	<i>Calliblepharis rammediorum</i> sp. nov. (Gigartinales, Rhodophyta) from the Israeli Levant Mediterranean Sea. <i>Cryptogamie, Algologie</i> , 2018, 39, 109-121.	0.9	3
186	Notes on the Marine Algae of the Bermudas. 16. Two New Epiphytic Species of <i>Champia</i> (Champiaceae.) <i>Tj ETQq0 0,0 rgBT /Oylock 10</i>	0.9	3
187	Further to the Occurrence of Red Abalone, <i>Haliotis rufescens</i> , in British Columbia. <i>Canadian Field-Naturalist</i> , 2010, 124, 238.	0.1	2
188	Molecular Analysis Resolves the Taxonomy of the <i>Laurencia</i> Complex (Rhodomelaceae, Ceramiales) in Bermuda and Uncover Novel Species of <i>Chondrophycus</i> and <i>Laurenciella</i> . <i>Cryptogamie, Algologie</i> , 2022, 43, .	0.9	2
189	The Acrotylaceae (Gigartinales) revisited: molecular data indicate family-level differences in one of the most enigmatic red-algal families. <i>Australian Systematic Botany</i> , 2021, 34, 305-326.	0.9	1
190	Revisiting a DNA barcode survey of Haida Gwaii kelp: the quest for <i>Eisenia arborea</i> (Arthrothamnaceae.) <i>Tj ETQq0 0,0 rgBT /Oylock 10</i>	1.0	1
191	<i>Eucheumatopsis sanibelensis</i> sp. nov. from the Gulf coast of Florida, USA. <i>Phytotaxa</i> , 2020, 440, 215-224.	0.3	1
192	Reassessment of Tristan da Cunha <i>Gelidium</i> (Gelidiales, Rhodophyta) species. <i>Botanica Marina</i> , 2020, 63, 455-462.	1.2	1
193	Resurrection of <i>Plocamium pusillum</i> Sonder (Plocamiaceae, Rhodophyta) from Australia. <i>Cryptogamie, Algologie</i> , 2021, 42, .	0.9	1
194	First record of <i>Scinaia</i> cf. <i>johnstoniae</i> (Nemaliales, Rhodophyta) in Gwaii Haanas, British Columbia, Canada. <i>BiolInvasions Records</i> , 2021, 10, 270-276.	1.1	0
195	On the nomenclatural reinstatement and lectotypification of <i>Spyridia americana</i> Durant (1850). <i>Botanica Marina</i> , 2021, 64, 221-225.	1.2	0
196	Three new species of <i>Asteromenia</i> (Hymenocladaceae, Rhodophyta) from Australia. <i>Botanica Marina</i> , 2022, .	1.2	0