

# John Patrick Kociolek

## List of Publications by Year in descending order

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205  
papers

2,893  
citations

218677

26  
h-index

302126

39  
g-index

210  
all docs

210  
docs citations

210  
times ranked

1203  
citing authors

#	ARTICLE	IF	CITATIONS
1	Freshwater diatom biogeography. <i>Nova Hedwigia</i> , 2000, 71, 223-241.	0.4	114
2	CATALOGUE OF THE DIATOM GENERA. <i>Diatom Research</i> , 1999, 14, 1-190.	1.2	113
3	Diatom resting cell rejuvenation and formation: time course, species records and distribution. <i>Journal of Plankton Research</i> , 1989, 11, 375-389.	1.8	99
4	<i>Humidophila</i> gen. nov., a new genus for a group of diatoms (Bacillariophyta) formerly within the genus <i>Diadesmis</i> : species from Hawai'i, including one new species. <i>Diatom Research</i> , 2014, 29, 351-360.	1.2	62
5	A PRELIMINARY INVESTIGATION OF THE PHYLOGENETIC RELATIONSHIPS AMONG THE FRESHWATER, APICAL PORE FIELD-BEARING CYMBELLOID AND GOMPHONEMOID DIATOMS (BACILLARIOPHYCEAE). <i>Journal of Phycology</i> , 1988, 24, 377-385.	2.3	58
6	Phylogenetic relationships and evolutionary history of the diatom genus <i>Gomphoneis</i> . <i>Phycologia</i> , 1989, 28, 438-454.	1.4	58
7	A PRELIMINARY INVESTIGATION OF THE PHYLOGENETIC RELATIONSHIPS AMONG THE FRESHWATER, APICAL PORE FIELD-BEARING CYMBELLOID AND GOMPHONEMOID DIATOMS (BACILLARIOPHYCEAE). <i>Journal of Phycology</i> , 1988, 24, 377-385.	2.3	50
8	Taxonomy and ultrastructure of some <i>Gomphonema</i> and <i>Gomphoneis</i> taxa from the upper Laurentian Great Lakes. <i>Canadian Journal of Botany</i> , 1991, 69, 1557-1576.	1.1	47
9	Molecular Phylogeny of <i>Amphora</i> sensu lato (Bacillariophyta): An Investigation into the Monophyly and Classification of the Amphoroid Diatoms. <i>Protist</i> , 2014, 165, 177-195.	1.5	44
10	Description of a new diatom genus <i>Dorofeyukea</i> gen. nov. with remarks on phylogeny of the family Stauroneidaceae. <i>Journal of Phycology</i> , 2019, 55, 173-185.	2.3	43
11	Development and comparison of stream indices of biotic integrity using diatoms vs. non-diatom algae vs. a combination. <i>Journal of Applied Phycology</i> , 2014, 26, 433-450.	2.8	41
12	Historical and Current Perspectives on the Systematics of the "Enigmatic" Diatom Genus <i>Rhoicosphenia</i> (Bacillariophyta), with Single and Multi-Molecular Marker and Morphological Analyses and Discussion on the Monophyly of "Monoraphid" Diatoms. <i>PLoS ONE</i> , 2016, 11, e0152797.	2.5	41
13	Molecular phylogeny of the diatom genera <i>Amphora</i> and <i>Halamphora</i> (Bacillariophyta) with a focus on morphological and ecological evolution. <i>Journal of Phycology</i> , 2019, 55, 442-456.	2.3	40
14	Taxonomy, ultrastructure, and distribution of some gomphonemoid diatoms (Bacillariophyceae: Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 2	1.1	40
15	Phylogenetic relationships and classification of monoraphid diatoms based on phenetic and cladistic methodologies. <i>Phycologia</i> , 1986, 25, 297-303.	1.4	36
16	Freshwater gomphonemoid diatom phylogeny: preliminary results. <i>Hydrobiologia</i> , 1993, 269-270, 31-38.	2.0	36
17	Ultrastructure of <i>Cymbella sinuata</i> and its Allies (Bacillariophyceae), and Their Transfer to <i>Reimeria</i> , Gen. Nov.. <i>Systematic Botany</i> , 1987, 12, 451.	0.5	35
18	Molecular data show the enigmatic cave-dwelling diatom <i>Diprora</i> (Bacillariophyceae) to be a raphid diatom. <i>European Journal of Phycology</i> , 2013, 48, 474-484.	2.0	32

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19	Validation of the centric diatom genus name <i>Cyclostephanos</i> . <i>British Phycological Journal</i> , 1987, 22, 345-347.	1.2	31
20	A review of algal research in space. <i>Acta Astronautica</i> , 2018, 146, 359-367.	3.2	31
21	The genus <i>Luticola</i> D.G.Mann (Bacillariophyta) from the McMurdo Sound Region, Antarctica, with the description of four new species. <i>Phytotaxa</i> , 2015, 208, 103.	0.3	30
22	Spacecraft cabin environment effects on the growth and behavior of <i>Chlorella vulgaris</i> for life support applications. <i>Life Sciences in Space Research</i> , 2018, 16, 8-17.	2.3	30
23	CHROMOSOME NUMBERS IN DIATOMS: A REVIEW. <i>Diatom Research</i> , 1989, 4, 47-54.	1.2	29
24	UNICELL ONTOGENY and PHYLOGENY: EXAMPLES FROM THE DIATOMS. <i>Cladistics</i> , 1987, 3, 274-284.	3.3	28
25	Frustular morphology and polyphyly in freshwater <i>Denticula</i> (Bacillariophyceae) species, and the description of <i>Tetralunata</i> gen. nov. (Epithemiaceae, Rhopalodiales). <i>Plant Ecology and Evolution</i> , 2014, 147, 346-365.	0.7	28
26	A new genus of Eunotiales (Bacillariophyta, Bacillariophyceae: Peroniaceae), <i>Sinoperonia</i> , from Southeast Asia, exhibiting remarkable phenotypic plasticity with regard to the raphe system. <i>Phycologia</i> , 2018, 57, 147-158.	1.4	28
27	The diatom genus <i>Gomphoneis</i> Cleve (Bacillariophyceae) from Lake Baikal, Russia. <i>Phytotaxa</i> , 2013, 154, 1.	0.3	27
28	TAXONOMY AND SYSTEMATIC POSITION OF THE <i>GOMPHONEIS</i> QUADRIPUNCTATA SPECIES COMPLEX. <i>Diatom Research</i> , 1988, 3, 95-108.	1.2	26
29	<i>SPICATICRIBRA</i> KINGSTONII, GEN. NOV. ET SP. NOV. (THALASSIOSIRALES, BACILLARIOPHYTA) FROM GREAT SMOKY MOUNTAINS NATIONAL PARK, U.S.A.. <i>Diatom Research</i> , 2008, 23, 367-375.	1.2	26
30	Several new species of <i>Amphora</i> and <i>Halamphora</i> from the western USA. <i>Diatom Research</i> , 2013, 28, 61-76.	1.2	26
31	OBSERVATIONS ON NORTH AMERICAN <i>GOMPHONEIS</i> (BACILLARIOPHYCEAE). I. VALVE ULTRASTRUCTURE OF <i>G. MAMMILLA</i> WITH COMMENT ON THE TAXONOMIC STATUS OF THE GENUS. <i>Journal of Phycology</i> , 1984, 20, 361-368.	2.3	25
32	How to define a diatom genus? Notes on the creation and recognition of taxa, and a call for revisionary studies of diatoms. <i>Acta Botanica Croatica</i> , 2015, 74, 195-210.	0.7	25
33	<i>Celebesia</i> gen. nov., a new cymbelloid diatom genus from the ancient Lake Matano (Sulawesi Island, Indonesia). <i>Journal of Phycology</i> , 2015, 51, 1-10.	0.2	25
34	Morphological and molecular evidence support description of two new diatom species from the genus <i>Ulnaria</i> in Lake Baikal. <i>Fottea</i> , 2016, 16, 34-42.	0.9	25
35	New <i>Gomphonema</i> (Bacillariophyta) species from Tasmania. <i>Phycologia</i> , 2004, 43, 427-444.	1.4	24
36	The diatom genus <i>Oricymba</i> in Vietnam and Laos with description of one new species, and a consideration of its systematic placement. <i>Phytotaxa</i> , 2015, 227, 120.	0.3	24

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37	The diatom genus <i>Gomphonema</i> Ehrenberg in Lake Baikal. II. Revision of taxa from <i>Gomphonema acuminatum</i> and <i>Gomphonema truncatum-capitatum</i> complexes. <i>Phytotaxa</i> , 2015, 233, 251.	0.3	24
38	Diatoms (Bacillariophyta) in Rivers. , 2016, , 93-128.		24
39	Local habitat heterogeneity determines the differences in benthic diatom metacommunities between different urban river types. <i>Science of the Total Environment</i> , 2019, 669, 711-720.	8.0	24
40	Comparative analysis of the mitochondrial genomes of six newly sequenced diatoms reveals group II introns in the barcoding region of <i>cox1</i> . <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2019, 30, 43-51.	0.7	24
41	<i>Pseudofallacia</i> gen. nov., a new freshwater diatom (Bacillariophyceae) genus based on <i>Navicula occulta</i> Krasske. <i>Phycologia</i> , 2012, 51, 620-626.	1.4	23
42	Typification, valve ultrastructure, and systematic position of <i>Gomphonema gomphopleuroides</i> Amoss ex Kociolek, Glushchenko and Kulikovskiy, an endemic diatom from Southeast Asia. <i>Diatom Research</i> , 2015, 30, 247-255.	1.2	21
43	Rampant homoplasy and adaptive radiation in pennate diatoms. <i>Plant Ecology and Evolution</i> , 2019, 152, 131-141.	0.7	21
44	Two new &#x201c; <i>Orthoseira</i> &#x201d; species (Bacillariophyceae) from lava tubes on Åžle Amsterdam and Big Island (Hawaii,,i). <i>Phytotaxa</i> , 2013, 111, 39.	0.3	20
45	Bacillariophyceae. , 2015, , 709-772.		20
46	A New Species of Freshwater Algae <i>Nephrochlamys yushanlensis</i> sp. nov. (Selenastraceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Phycology</i> , 2021, 57, 606-618.	2.3	20
47	New and interesting species from the genus <i>Luticola</i> (Bacillariophyceae) in waterbodies of Southeastern Asia. <i>Nova Hedwigia</i> , 2018, 146, 157-173.	0.2	20
48	MORPHOLOGICAL OBSERVATIONS OF <i>NEIDIUM</i> SPECIES WITH SAGITTATE APICES, INCLUDING THE DESCRIPTION OF <i>N. CAPE-CODII</i> SP. NOV.. <i>Diatom Research</i> , 2003, 18, 131-148.	1.2	19
49	<i>TIBETIELLA PULCHRA</i> GEN. NOV. ET SP. NOV., A NEW FRESHWATER EPILITHIC DIATOM (BACILLARIOPHYTA) FROM RIVER NUJIANG IN TIBET, CHINA. <i>Journal of Phycology</i> , 2010, 46, 325-330.	2.3	19
50	The Hawaiian freshwater algae biodiversity survey (2009-2014): systematic and biogeographic trends with an emphasis on the macroalgae. <i>BMC Ecology</i> , 2014, 14, 28.	3.0	19
51	An evolutionary perspective on selecting high-lipid-content diatoms (Bacillariophyta). <i>Journal of Applied Phycology</i> , 2015, 27, 2209-2220.	2.8	19
52	Observations on North American Gomphoneis (Bacillariophyceae). II. Descriptions and Ultrastructure of Two New Species. <i>Transactions of the American Microscopical Society</i> , 1986, 105, 141.	0.3	18
53	Five new species of the genus <i>Humidophila</i> (Bacillariophyta) from the Maritime Antarctic Region. <i>Diatom Research</i> , 2015, 30, 117-131.	1.2	18
54	New epizoic diatom (Bacillariophyta) species from sea turtles in the Eastern Caribbean and South Pacific. <i>Diatom Research</i> , 2017, 32, 109-125.	1.2	18

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55	Fatty Acid Content and Profile of the Novel Strain of <i>Coccomyxa elongata</i> (Trebouxiophyceae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 2019, 55, 1154-1165.	2.3	18
56	Gogorevia , a New Monoraphid Diatom Genus for Achnanthes exigua and Allied Taxa (Achnanthesiaceae) Described on the Basis of an Integrated Molecular and Morphological Approach. Journal of Phycology, 2020, 56, 1601-1613.	2.3	18
57	New species and combinations in the genus Eunotia Ehrenberg 1837 (Bacillariophyceae: Eunotiaceae) from waterbodies of Southeastern Asia. Nova Hedwigia, 2018, 147, 69-103.	0.2	18
58	The diatom genus Gomphonema Ehrenberg in India: Checklist and description of three new species. Nova Hedwigia, 2011, 93, 211-236.	0.4	17
59	New species of <i>Eunotia</i> (Bacillariophyta) from Lake Baikal with comments on morphology and biogeography of the genus. Phycologia, 2015, 54, 248-260.	1.4	17
60	Are there species flocks in freshwater diatoms? A review of past reports and a look to the future. Hydrobiologia, 2017, 792, 17-35.	2.0	17
61	Description of the new freshwater diatom genus Okhaphkinia gen. nov. from Laos (Southeast Asia), with notes on family Sellaphoraceae Mereschkowsky 1902. Fottea, 2018, 18, 120-129.	0.9	17
62	Observations on North American Gomphoneis (Bacillariophyceae). IV. Valve Ultrastructure and Systematic Position of Gomphoneis elegans. Transactions of the American Microscopical Society, 1988, 107, 386.	0.3	16
63	New <i>Gomphonema</i> Ehrenberg (Bacillariophyceae: Gomphonemataceae) species from Xinjiang Province, China. Diatom Research, 2015, 30, 1-12.	1.2	16
64	Novel diatom species (Bacillariophyta) from the freshwater discharge site of Laguna Diablas (Island) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 0.3	0.3	16
65	Nupela major sp. nov., a new diatom species from Maolan Nature Reserve, central-south of China. Phytotaxa, 2017, 311, 245.	0.3	16
66	<i>Karthickia verestigmata</i> gen. et sp. nov. – an interesting diatom with frustular morphology similar to several different cymbelloid diatom genera. Phycologia, 2019, 58, 605-613.	1.4	16
67	Extensive chloroplast genome rearrangement amongst three closely related Halamphora spp. (Bacillariophyceae), and evidence for rapid evolution as compared to land plants. PLoS ONE, 2019, 14, e0217824.	2.5	16
68	New <i>Gomphoneis</i> Cleve (Bacillariophyceae: Gomphonemataceae) species from Xinjiang Province, China. Phytotaxa, 2013, 103, 1.	0.3	15
69	A new species of <i>Simonsenia</i> from a karst landform, Maolan Nature Reserve, Guizhou Province, China. Diatom Research, 2016, 31, 269-275.	1.2	15
70	New diatom species from the Gomphonema subtile group in Southeast Asia. Phytotaxa, 2017, 329, 223.	0.3	15
71	New Freshwater Gomphonemoid Diatoms from Streams in the Sierra Nevada Mountains, California, USA. Phytotaxa, 2016, 289, 118.	0.3	14
72	New freshwater diatom genus, <i>Edtheriotia</i> gen. nov. of the Stephanodiscaceae (Bacillariophyta) from south-central China. Phycological Research, 2016, 64, 274-280.	1.6	14

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73	New and endemic <i>Gomphonema</i> C. G. Ehrenberg (Bacillariophyceae) species from Hawaii. <i>Nova Hedwigia</i> , 2016, 102, 141-171.	0.4	14
74	Reconsideration of the <i>Gomphonema</i> (Bacillariophyceae) species from Kolhapur, Northern Western Ghats, India: Taxonomy, typification and biogeography of the species reported by H.P. Gandhi. <i>Phycological Research</i> , 2012, 60, 179-198.	1.6	13
75	Three new species of Alveolophora (Aulacoseiraceae, Bacillariophyceae) from Miocene deposits in western North America. <i>Phycologia</i> , 2013, 52, 109-117.	1.4	13
76	The diatom genus <i>Hantzschia</i> (Bacillariophyta) in Xinjiang Province, China. <i>Phytotaxa</i> , 2015, 197, 1.	0.3	13
77	Morphology and ultrastructure of <i>Sellaphora constrictum</i> sp. nov. (Bacillariophyta), a new diatom from southern China. <i>Phytotaxa</i> , 2017, 327, 261.	0.3	13
78	<i>Placoneis cattiensis</i> sp. nov. a new, diatom (Bacillariophyceae: Cymbellales) soil species from Cát Tiên National Park (Vietnam). <i>Phytotaxa</i> , 2020, 460, 237-248.	0.3	13
79	<i>GOMPHONEMA SICHUANENSIS</i> LI & KOCIOLEK SP. NOV. AND <i>GOMPHONEMA HEILONGTANENSIS</i> LI, KOCIOLEK ET METZELTIN SP. NOV. FROM TWO HIGH MOUNTAIN LAKES, CHINA. <i>Diatom Research</i> , 2010, 25, 87-98.	1.2	12
80	Valve ultrastructure of two new genera of marine canal-bearing diatoms (Bacillariophyceae). <i>Phycologia</i> , 2011, 50, 170-181.	1.4	12
81	Two new species of monoraphid diatom (Bacillariophyceae) from South of China. <i>Phytotaxa</i> , 2014, 188, 31.	0.3	12
82	Re-examination of Mereschkowsky's genus <i>Tetramphora</i> (Bacillariophyta) and its separation from <i>Amphora</i> . <i>Diatom Research</i> , 2016, 31, 123-148.	1.2	12
83	<i>Achnantheidium longissimum</i> sp. nov. (Bacillariophyta), a new diatom species from Jiuzhai Valley, Southwestern China. <i>Diatom Research</i> , 2018, 33, 339-348.	1.2	12
84	A new, large species of <i>Gomphonema</i> Ehrenberg from ancient Lake Matano, Indonesia. <i>Diatom Research</i> , 2018, 33, 241-250.	1.2	12
85	Biogeography of the cosmopolitan terrestrial diatom <i>Hantzschia amphioxys</i> sensu lato based on molecular and morphological data. <i>Scientific Reports</i> , 2021, 11, 4266.	3.3	12
86	<i>Platebaikalica</i> - a new monoraphid diatom genus from ancient Lake Baikal with comments on the genus <i>Platessa</i> . <i>Fottea</i> , 2020, 20, 58-67.	0.9	12
87	<i>Mayamaea vietnamica</i> sp. nov.: a new, terrestrial diatom (Bacillariophyceae) species from Vietnam. <i>Algae</i> , 2020, 35, 325-335.	2.3	12
88	A new species of <i>Neidium</i> (Bacillariophyceae) and a checklist of the genus from China. <i>Diatom Research</i> , 2014, 29, 165-173.	1.2	11
89	<i>Oricymba tianmuensis</i> sp. nov., a new cymbelloid species (Bacillariophyceae) from Tianmu Mountain in Zhejiang Province, China. <i>Phytotaxa</i> , 2015, 236, 257.	0.3	11
90	A new <i>Eunotia</i> (Bacillariophyta: Eunotiales) species from Karst formations of southern China. <i>Phytotaxa</i> , 2016, 265, 285.	0.3	11

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91	One new Gomphonema (Bacillariophyta) species from Yunnan Province, China. Phytotaxa, 2018, 349, 257.	0.3	11
92	<i>Aneumastus laosica</i> sp. nov. and <i>A. genkalii</i> sp. nov. – Two New Diatom Species from Laos (Southeast Asia) with Comments on the Biogeography of the Genus. Cryptogamie, Algologie, 2017, 38, 183-199.	0.9	11
93	CLASSIFICATIONS OF CONVENIENCE: THE MEANING OF NAMES. Diatom Research, 2010, 25, 213-216.	1.2	10
94	Gomphonema shanghaiensis sp. nov., a new diatom species (Bacillariophyta) from a river in Shanghai, China. Phytotaxa, 2016, 278, 29.	0.3	10
95	A new species of Gomphosinica (Bacillariophyta) from Lugu Lake, Yunnan Province, SW China. Phytotaxa, 2018, 348, 118.	0.3	10
96	<i>Navicula gogorevii</i> a new, large-celled diatom species from Vietnam (Southeast Asia). Phytotaxa, 2020, 428, 60-66.	0.3	10
97	Three New Species of Placoneis Mereschkowsky (Bacillariophyceae: Cymbellales) with Comments on Cryptic Diversity in the P. elginensis Group. Water (Switzerland), 2021, 13, 3276.	2.7	10
98	A description of the frustular morphology of <i>Frustulia creuzburgensis</i> (Krasske) Hustedt, with comments on its systematic position. Diatom Research, 2011, 26, 29-41.	1.2	9
99	Investigations of the <i>Frustulia weinholdii</i> Species Complex with Description of Three New Species, <i>F. capitata</i> , <i>F. latita</i> , and <i>F. soror</i> from South Carolina and Hawaii. Proceedings of the Academy of Natural Sciences of Philadelphia, 2011, 161, 43-59.	0.5	9
100	New or rare species of cymbelloid diatoms (Bacillariophyceae) from Colorado (USA). Nova Hedwigia, 2013, 97, 87-116.	0.4	9
101	Centric and Araphid Diatoms. , 2015, , 653-708.		9
102	The genus <i>Gomphonema</i> (Bacillariophyta) in Rara Lake, Nepal: taxonomy, morphology, habitat distribution and description of five new species, and a new record for <i>Gomphoneis qii</i> . Diatom Research, 2018, 33, 283-320.	1.2	9
103	New species and a new genus of the Orthoseirales from Patagonia, Argentina, with comments on systematic affinities within the Order. Phytotaxa, 2018, 345, 119.	0.3	9
104	Two new aerophilic species of <i>Stauroneis</i> Ehrenberg (Bacillariophyta) from the Eastern Himalayas. Botany Letters, 2019, 166, 234-245.	1.4	9
105	Morphological and molecular investigation of <i>Gomphonema longissimum</i> and related taxa from Malili lakes (Indonesia) with comments on diatom evolution in ancient lakes. European Journal of Phycology, 2020, 55, 147-161.	2.0	9
106	<i>Gololobovia</i> gen. nov. – a new genus from Lake Baikal with comments on pore occlusion in monoraphid diatoms. Phycologia, 2020, 59, 616-633.	1.4	9
107	Molecular phylogeny of the diatom genus <i>Envekadea</i> (Bacillariophyceae, Naviculales). Nova Hedwigia, 2018, 146, 241-252.	0.2	9
108	The genus <i>Achnantheidium</i> Kutz. (Achnanthes, Bacillariophyceae) in Bolivian streams: a report of taxa found in recent investigations. Algological Studies (Stuttgart, Germany: 2007), 2011, 136-137, 89-130.	0.4	8

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109	The Diatom (Bacillariophyceae) Genus <i>Actinella</i> Lewis in Hawaii <sup>1</sup> . Pacific Science, 2013, 67, 609-621.	0.6	8
110	Taxonomic studies of the diatom genus <i>Halamphora</i> (Bacillariophyceae) from the mountainous regions of southwest China, including the description of two new species. Phytotaxa, 2015, 205, 75.	0.3	8
111	<i>Sellaphora balashovae</i> (Bacillariophyta), a new species from Siberian mountain Lake Frolikha (Baikal) Tj ETQq1 1 0.784314 rgBT /Over 0.3	0.3	8
112	New and interesting <i>Luticola</i> species (Bacillariophyta) from the mangroves of Nosy Be Island, NW Madagascar. Oceanological and Hydrobiological Studies, 2019, 48, 13-22.	0.7	8
113	Three new <i>Luticola</i> species from the Andean-Amazonian transition in Colombia: taxonomy, morphology and preliminary considerations of the biogeography of the genus. Diatom Research, 2020, 35, 377-393.	1.2	8
114	A rediscovery of <i>Cymbella mirabilis</i> Hustedt, a rare endemic diatom, and description of <i>Alveocymba</i> gen. nov.. Diatom Research, 2020, 35, 281-287.	1.2	8
115	NEIDIUM PALPEBRUM SP. NOV., A NEW DIATOM FROM FLORIDA (U.S.A.): COMPARISON WITH N. SACOENSEREIMER, AND SOME REMARKS ON BIOGEOGRAPHY. Diatom Research, 2010, 25, 385-395.	1.2	7
116	Valve morphology of four species of <i>Frustulia</i> (Bacillariophyta), including two described as new. Phytotaxa, 2015, 42, 62.	0.3	7
117	Two new <i>Prestauroneis</i> Bruder & Medlin (Bacillariophyceae) species from Zoigã Wetland, Sichuan Province, China, and comparison with <i>Parlibellus</i> E.J. Cox.. Diatom Research, 2015, 30, 133-139.	1.2	7
118	Observations of two marine members of the genus <i>Cymbellonitzschia</i> (Bacillariophyta) from Tokyo Bay, Japan, with the description of the new species <i>Cymbellonitzschia banzuensis</i> . Phycological Research, 2016, 64, 26-34.	1.6	7
119	<i>Oricymba rhynchocephala</i> sp. nov., a new cymbelloid diatom (Bacillariophyceae) from Xianju National Park in Zhejiang Province, China. Phytotaxa, 2018, 340, 63.	0.3	7
120	<i>Prestauroneis genkalii</i> a new diatom species (Bacillariophyceae: Stauroneidaceae) from Southeast Asia. Phytotaxa, 2019, 414, 156-164.	0.3	7
121	New <i>Hannaea</i> Patrick (Fragilariaceae, Bacillariophyta) Species from Asia, with Comments on the Biogeography of the Genus. Cryptogamie, Algologie, 2019, 40, 41.	0.9	7
122	Continental diatom biodiversity discovery and description in China: 1848 through 2019. PhytoKeys, 2020, 160, 45-97.	1.0	7
123	Internal valves in populations of <i>Meridion circulare</i> from the Mer Mountain region of northeastern China: Implications for taxonomy and systematics. Journal of Systematics and Evolution, 2011, 49, 486-494.	3.1	6
124	A new species of <i>Gomphonema</i> (Bacillariophyta) from Xingkai Lake, China. Phytotaxa, 2014, 175, 249.	0.3	6
125	<i>Oricymba xianjuensis</i> sp. nov., a new freshwater diatom (Bacillariophyceae) from Xianju National Park (Zhejiang Province, China). Phytotaxa, 2016, 272, 134.	0.3	6
126	A new species of <i>Tabularia</i> (Kützting) Williams & Round from Poyang Lake, Jiangxi Province, China, with a cladistic analysis of the genus and their relatives. Phytotaxa, 2018, 373, 169.	0.3	6



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127	<i>Neidiomorpha gusevii</i> a new diatom species (Bacillariophyceae: Neidiaceae) from Southeast Asia. <i>Phytotaxa</i> , 2019, 415, 279-285.	0.3	6
128	The diatom genus <i>Luticola</i> D.G. Mann (Bacillariophyceae) in the Western Ghats of India and its biogeography. <i>European Journal of Phycology</i> , 2021, 56, 142-158.	2.0	6
129	Three new <i>Luticola</i> D.G.Mann (Bacillariophyta) species from Rapa Nui (Easter Island) found in terrestrial diatom assemblages dominated by widely distributed taxa. <i>PeerJ</i> , 2021, 9, e11142.	2.0	6
130	Morphology and distribution of <i>Ninastrelnikovia laosica</i> sp. nov. a new species in a previously monospecific genus. <i>Nova Hedwigia</i> , 2018, 147, 119-126.	0.2	6
131	<i>Navicula dermochelycola</i> sp. nov., presumably an exclusively epizoic diatom on sea turtles <i>Dermochelys coriacea</i> and <i>Lepidochelys olivacea</i> from French Guiana. <i>Oceanological and Hydrobiological Studies</i> , 2020, 49, 132-139.	0.7	6
132	A Putative Species Flock in the Diatom Genus <i>Gomphonema</i> Ehrenberg (Bacillariophyta): <i>Gomphonema ventricosum</i> W. Gregory. <i>Cryptogamie, Algologie</i> , 2018, 39, 365-388.	0.9	6
133	Marine and brackish <i>Luticola</i> D.G.Mann (Bacillariophyta) species from the Java Sea and South China Sea coasts with the description of three new species. <i>PhytoKeys</i> , 2021, 183, 115-142.	1.0	6
134	Four new <i>Rhoicosphenias</i> species from fossil deposits in India and North America. <i>Diatom Research</i> , 2015, 30, 35-54.	1.2	5
135	<i>Urosolenia</i> and <i>Acanthoceras</i> species from Hainan Province, China. <i>Phytotaxa</i> , 2016, 244, 161.	0.3	5
136	Morphological investigation and transfer of <i>Naviculadicta parasemen</i> Lange-Bertalot to the genus <i>Rexlowea</i> Kociolek & Thomas. <i>Diatom Research</i> , 2017, 32, 477-481.	1.2	5
137	<i>Gomphonema wuyiensis</i> sp. nov., a new freshwater species (Bacillariophyceae) from Wuyi Mountains, China. <i>Phytotaxa</i> , 2018, 375, 113.	0.3	5
138	Diatom phenotypic plasticity: <i>Olifantiella gorandiana</i> epizoic on <i>G5-Manahere</i> ™ (Society Archipelago, South Pacific), a case study. <i>Phytotaxa</i> , 2019, 415, 89-104.	0.3	5
139	New and interesting diatoms from Tibet: I. Description of a new species of <i>Clipeoparvus</i> Woodbridge et al.. <i>Diatom Research</i> , 2019, 34, 33-38.	1.2	5
140	<i>Achnantheidium tinea</i> sp. nov. a new monoraphid diatom (Bacillariophyceae) species, described on the basis of molecular and morphological approaches. <i>PhytoKeys</i> , 2021, 174, 147-163.	1.0	5
141	Description of <i>Gomphothidium</i> gen. nov., with light and scanning electron microscopy: A New Freshwater Monoraphid Diatom Genus from Asia. <i>Fottea</i> , 2021, 21, 1-7.	0.9	5
142	Four new species of monoraphid diatoms from Western Sichuan Plateau in China. <i>Phytotaxa</i> , 2021, 479, 257-274.	0.3	5
143	<i>Navicula watveae</i> sp. nov. (Bacillariophyceae) a new diatom species from the Western Ghats, India. <i>Phytotaxa</i> , 2020, 433, 20-26.	0.3	5
144	Valve ultrastructure of two species of the diatom genus <i>Gomphonema</i> Ehrenberg (Bacillariophyta) from Yunnan Province, China. <i>Fottea</i> , 2020, 20, 25-35.	0.9	5

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145	Burliganiellagen. nov. (Bacillariophyta, Eunotiales): Another Case of Raphe Reduction Based on the Type Material of <i>Fragilaria siolii</i> Hustedt. <i>Cryptogamie, Algologie</i> , 2018, 39, 255-265.	0.9	5
146	<i>Cymbopleura natellia</i> – a new species from Transbaikal area (Russia, Siberia) described on the basis of molecular and morphological investigation. <i>PhytoKeys</i> , 2021, 183, 95-105.	1.0	5
147	KOBAYASIELLASPECIES FROM CARAJÁS NATIONAL FOREST, AMAZONIA, BRAZIL. <i>Diatom Research</i> , 2010, 25, 235-250.	1.2	4
148	Description and phylogenetic position of <i>Amphora aliformis</i> (Bacillariophyta), a new species from Tokyo Bay. <i>Phycologia</i> , 2015, 54, 78-86.	1.4	4
149	<i>Pinnularia wuyiensis</i> sp. nov., a new diatom (Bacillariophyceae, Naviculales) from the north region of Wuyi Mountains, Jiangxi Province, China. <i>Phytotaxa</i> , 2016, 267, 121.	0.3	4
150	A comparison of lipid content metrics using six species from the genus <i>Halamphora</i> (Bacillariophyta). <i>Biofuels</i> , 2016, 7, 521-528.	2.4	4
151	Newly described <i>Gomphonema</i> and <i>Gomphosphenia</i> from Rocky Mountain Front Range streams, Colorado, USA, with additional discussion of rarely reported taxa. <i>Diatom Research</i> , 2016, 31, 51-62.	1.2	4
152	Effect of altered nitrogen partial pressure on Chlorellaceae for spaceflight applications. <i>Algal Research</i> , 2019, 41, 101543.	4.6	4
153	A new species of <i>Achnanthes</i> (Bacillariophyceae) from a freshwater habitat in a karst landform from south-central China. <i>Phycological Research</i> , 2019, 67, 303-310.	1.6	4
154	<i>Kulikovskiyia</i> gen. nov. (Bacillariophyceae) from the lateritic rock pools of the Western Ghats, India and from Hainan Province, China. <i>Phycological Research</i> , 2020, 68, 80-89.	1.6	4
155	A new <i>Sellaphora</i> Mereschkowsky species (Bacillariophyceae) from Hainan Island, China, with comments on the current state of the taxonomy and morphology of the genus. <i>Diatom Research</i> , 2020, 35, 85-98.	1.2	4
156	Epizoid diatoms on sea turtles and their relationship to host species, behaviour and biogeography: a morphological approach. <i>European Journal of Phycology</i> , 0, , 1-14.	2.0	4
157	<i>Delicatophycus liuweii</i> sp. nov., a new cymbelloid diatom (Bacillariophyceae) from an upper tributary of the Liujiang River, Guangxi, China. <i>Phytotaxa</i> , 2021, 505, 63-70.	0.3	4
158	Three new species of <i>Gomphonema</i> Ehrenberg (Bacillariophyta), from Eastern Himalayas, with a note on the unique girdle band structure. <i>Nova Hedwigia</i> , 2018, 147, 359-372.	0.2	4
159	New diatom species <i>Navicula davidovichii</i> from Vietnam (Southeast Asia). <i>Phytotaxa</i> , 2020, 452, 83-91.	0.3	4
160	Novel Diatoms (Bacillariophyta) from tropical and temperate marine littoral habitats with the description of <i>Catenulopsis</i> gen. nov., and two <i>Catenula</i> species. <i>Diatom Research</i> , 2021, 36, 265-280.	1.2	4
161	New and interesting diatoms from the Shimen Wetwalls, Yunnan Province, China. I. Valve morphology of <i>Melosira radiato-sinuata</i> var. <i>yunnanica</i> Chen (Bacillariophyta: Melosirales) from Yunnan Province, China, with comments on its systematic position. <i>Diatom Research</i> , 2021, 36, 345-351.	1.2	4
162	Taxonomy and valve morphology of <i>Humidophila</i> species (Bacillariophyceae) from aerophilous habitats in northeastern Argentina, with the description of four new species. <i>Fottea</i> , 2022, 22, 56-77.	0.9	4

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163	Valve ultrastructure of <i>Nitzschia shanxiensis</i> nom. nov., stat. nov. and <i>N. tabellaria</i> (Bacillariales,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	3

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181	<i>Navicula</i> sp. nov., a new freshwater diatom species (Bacillariales) from freshwaters of Puerto Rico. <i>Phytotaxa</i> , 2020, 468, 190-202.	0.3	2
182	<i>Navicula daochengensis</i> sp. nov., a new freshwater diatom species (Bacillariophyceae) from a small mountain lake, Sichuan Province, China. <i>Phytotaxa</i> , 2020, 439, 150-158.	0.3	2
183	<i>Gomphonema qingyiensis</i> sp. nov., a new freshwater species (Bacillariophyceae) from Qingyi River, China. <i>Phytotaxa</i> , 2020, 474, 40-50.	0.3	2
184	Four new species from the diatom genus <i>Kobayasiella</i> Lange-Bertalot from waterbodies of Southeast Asia. <i>Diatom Research</i> , 2020, 35, 363-376.	1.2	1
185	New and interesting diatoms from Tibet. III. Valve ultrastructure of two <i>Neidium</i> Pfitzer species from Tibet: comparison with other morphological groups of <i>Neidium</i> and consideration of phylogenetic relationships within the genus. <i>Diatom Research</i> , 2020, 35, 155-162.	1.2	1
186	A new species of <i>Epithemia</i> sp. nov. (Bacillariophyceae, <i>Epithemia</i> sp. nov. position of <i>Rhopalodia</i> and <i>Epithemia</i> . <i>Phytotaxa</i> , 2021, 489, 171-181.	0.3	1
187	<i>Gomphonema</i> Ehrenberg species from the Yuntai Mountains, Henan Province, China. <i>Journal of Oceanology and Limnology</i> , 2021, 39, 1042-1062.	1.3	1
188	Morphological investigation and description of two new <i>Gomphonema</i> Ehrenberg (Bacillariophyta) species from India and Vietnam with biogeographical comments. <i>Issues of Modern Algology</i> 162-166.		
189	<i>Sichuanella deqinensis</i> sp. nov., a new diatom species (Bacillariophyceae) from a high altitude lake in the Hengduan Mountains, SW China. <i>Phytotaxa</i> , 2020, 449, 83-89.	0.3	1
190	Transfer of <i>Rhoicosphenia vanheurckii</i> Grunow to <i>Planothidium</i> Round & Bukhtiyarova. <i>Diatom Research</i> , 2015, 30, 339-342.	1.2	0
191	<i>Cymbella xiaojinensis</i> sp. nov., a new cymbelloid diatom species (Bacillariophyceae) from high altitude lakes, China. <i>Phytotaxa</i> , 2021, 482, 55-64.	0.3	0
192	Erratum: Zhang, Y., Liao, M., Li, Y.-L., Chang, F.-Q. & Kociolek, J.P. (2021) <i>Cymbella xiaojinensis</i> sp. nov., a new cymbelloid diatom species (Bacillariophyceae) from high altitude lakes, China. <i>Phytotaxa</i> 482 (1): 55-64. <i>Phytotaxa</i> , 2021, 489, 299-300.	0.3	0
193	<i>Encyonema chebalingense</i> sp. nov., a new freshwater diatom species (Cymbellales, Bacillariophyceae) from Guangdong Province, China. <i>Phytotaxa</i> , 2021, 508, .	0.3	0
194	New species of <i>Stenopterobia</i> (Bacillariophyta) from Colombia and Peru, and new nomenclatural transfers in <i>Iconella</i> . <i>Phytotaxa</i> , 2021, 514, 61-76.	0.3	0
195	Three new species of the genus <i>Stauroneis</i> Ehrenberg (Bacillariophyceae: Stauroneidaceae) from the Northern Western Ghats, India. <i>Fottea</i> , 2021, 21, 220-234.	0.9	0
196	Rise of Subgen. <i>Rhoicosphenula</i> Lange-Bert. to the Genus Level, and Description of a New <i>Gomposphenia</i> s.s. Species from Puerto Rico. <i>Cryptogamie, Algologie</i> , 2021, 42, .	0.9	0
197	A new marine epiphytic diatom species, <i>Halamphora yundangensis</i> sp. nov. (Bacillariophyceae), from Yundang Lake, Southeast coast of China. <i>Phytotaxa</i> , 2020, 450, 209-218.	0.3	0
198	<i>Cymbopleura huohuaensis</i> sp. nov. (Cymbellaceae; Bacillariophyceae), a new species from Sichuan Province, China. <i>Phytotaxa</i> , 2022, 530, 237-244.	0.3	0

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199	Morphological investigation and description of two new <i>Gomphonema</i> Ehrenberg (Bacillariophyta) species from India and Vietnam with biogeographical comments. <i>Phytotaxa</i> , 2020, 468, 175-189.	0.3	0
200	Taxonomy and valve ultrastructure of new and interesting freshwater fossil diatoms (Bacillariophyta) of Miocene age from the Espanola Formation of New Mexico, U.S.A. II. Description of a New <i>Grunowia</i> species with comments on the genus. <i>Phytotaxa</i> , 2022, 530, 295-300.	0.3	0
201	<i>Navicula fuxianturiformis</i> sp. nov. (Bacillariophyceae), a new species from southwest China. <i>Phytotaxa</i> , 2022, 541, 141-152.	0.3	0
202	Three new <i>Gomphonema</i> Ehrenberg (Bacillariophyta, Gomphonemataceae) species from the lower reaches of Yangtze River, China. <i>Fottea</i> , 2022, 22, 13-29.	0.9	0
203	Two new freshwater species of <i>Surirella</i> (Bacillariophyta) from the Wuling Mountains, China. <i>PhytoKeys</i> , 0, 201, 35-49.	1.0	0
204	<i>Cymbopleura deqinensis</i> sp. nov. (Cymbellaceae; Bacillariophyceae), a new species from Yunnan Province, China. <i>Phytotaxa</i> , 2022, 550, 233-242.	0.3	0
205	Valve Ultrastructure and Description of a new <i>Luticola</i> D.G.Mann (Bacillariophyceae) species from Colorado, USA. <i>Phytotaxa</i> , 2022, 554, 269-277.	0.3	0