usage	Omnidia code	Dyntaxa code	Taxon name	Author, harmonized and IPNI-corrected	Year for authorship	IPSs	note 1	IPSv	note 2	TDIs	note 3	TDIv	note 4	PT	note 5	surhetskänslighet
accepted	AACA	262166	Achnanthes acares	M.H.Hohn & Hellerman	1963	5.0		1		0	MOD>0 151	0	MOD>0 151	0		0
accepted	ABRE	237765	Achnanthes brevipes var. brevipes	C. Agardh	1824	3.0		3		3		1		0		5
accepted	ACAR	262178	Achnanthes carissima	Lange-Bert.	1989	4.5		1		3		1		0		3
accepted	AEEL	262183	Achnanthes exigua var. elliptica	Hust.	1937	3.0	ADD 3 2014-	1	ADD 1 2014-	0	MOD 2>0 15	0	MOD 2>0 15	0		0
accepted	AHIN	262187	Achnanthes hintzii	Lange-Bert. & Krammer	1989	4.0		2		3		1		0		0
accepted	AIPX	262188	Achnanthes impexa	Lange-Bert.	1989	5.0		1		5		1		0		0
accepted	ALVA	262189	Achnanthes laevis var. austriaca	(Hust.) Lange-Bert.	1979	5.0		3		3		1		0		0
accepted	ALQU	6006271	Achnanthes laevis var. quadratarea	(Østrup) Lange-Bert.		5.0		2		3		1		0		0
accepted	ALFF	262197	Achnanthes lanceolata ssp. frequentissima var. r	Lange-Bert.	1993	3.4		1		5		2		0		4
accepted	ALBO	262202	Achnanthes lanceolata ssp. lanceolata var. boye	(Østrup) Lange-Bert.	1989	4.6	ADD 4,6 201	1	ADD 1 2014-	4	MOD 5>4 15	1	MOD 2>1 15	0		4
accepted	ALRO	262204	Achnanthes lanceolata ssp. robusta	(Hust.) Lange-Bert.	1993	4.6		1		0	MOD 5>0 15	0	MOD 2>0 15	0		4
accepted	ALAE	262227	Achnanthes lanceolata var. elliptica	Cleve	1891	2.8		1		3	MOD 5>3 15	2		0		4
accepted	AMIS	237779	Achnanthes minuscula	Hust.	1945	4.0		2		5	MOD 3>5 15	1		0		4
accepted	ARPT	262376	Achnanthes rupestoides	Hohn	1961	4.8		1		3		1		0		4
accepted	ASEA	262377	Achnanthes semiaperta	Hust.	1945	4.8		2		3		1		0		0
accepted	ACHS	1010466	Achnanthes sp.	Bory		4.8	MOD 2,5>4,8	2		3		1		0		0
accepted	ASBM	262379	Achnanthes submarina	Hust.	1956	0.0		0		3		1		0		0
accepted	ATHE	237790	Achnanthes thermalis	(Rabenh.) Schönf.	1907	2.0		1		3		1		0		3
accepted	AZIE	262380	Achnanthes ziegleri	Lange-Bert.	1993	0.0		0		2	MOD 3>2 15	1		0		0
accepted	ADBI	262381	Achnanthidium biasolettianum	(Grunow) Lange-Bert.	1999	5.0		1	MOD 2>1 15	2		2		0		4
accepted	ABRT	262382	Achnanthidium bioretii	(H.Germ.) Edlund	1957	5.0		1	MOD 2009_1	3		1		0		3
accepted	ADCA	262235	Achnanthidium caledonicum	Lange-Bert.	1999	5.0		1		2		2		0		3
accepted	ADCT	262383	Achnanthidium catenatum	(J.Bily & Marvan) Lange-Bert.	1999	4.5		2		2		2		0		4
accepted	ADDA	262179	Achnanthidium daonense	(Lange-Bert.) Lange-Bert., Monnier & Ector	2007	4.5	MOD from 5	1	MOD from 2	3		1		0		3
accepted	ADEG	237770	Achnanthidium exiguum	(Grunow) Czarn.	1994	3.0		2		4	MOD 2>4 15	2		0		4
accepted	ADGL	262384	Achnanthidium gracillimum	(Meister) Lange-Bert.	1993	5.0		1	MOD 2>1 15	2		2		0		4
accepted	ADHE	262385	Achnanthidium helveticum	(Hust.) Monnier, Lange-Bert. & Ector	1996	5.0		2		3		1		0		4
accepted	ADKR	262386	Achnanthidium kranzii	(Lange-Bert.) Round & Bukht.	1996	4.5	modif accordi	1	**20100824	2		2		0		3
accepted	ADKG	262387	Achnanthidium kriegeri	(Krasske) Hamilton, D.Anton. & Siver	2008	5.0		1	**20100824	3		1		0		3
accepted	ADLB	262388	Achnanthidium lauenburgianum	(Hust.) Monnier, Lange-Bert. & Ector	2007	4.0	MOD 4,8 > 4	1	MOD 3 > 1 2	4		2		0		5
accepted	ADM1	6000065	Achnanthidium minutissimum group I (mean width <2,2µm)			5.0	ADD 2009-1	2	ADD 2009-1	2		2		0		3
accepted	ADM2	6000066	Achnanthidium minutissimum group II (mean width 2,2-2,8µm)			5.0		1		2		2		0		3
accepted	ADM3	6000067	Achnanthidium minutissimum group III (mean width >2,8µm)			4.0	ADD 2009-1	1	ADD 2009-1	4	ADD 2009-1	2		0		3
accepted	ADMI	262234	Achnanthidium minutissimum var. minutissimum	(Kütz) Czarn.	1994	5.0		1		2		2		0		3
accepted	ADRK	237786	Achnanthidium rosenstockianum	(Lange-Bert.) Lange-Bert.	2004	4.0		1		3		1		0		4
accepted	ADSB	262391	Achnanthidium straubianum	(Lange-Bert.) Lange-Bert.	1999	3.0		2		2		2		0		3
accepted	ADSO	262392	Achnanthidium subatomoides	(Hust.) Monnier, Lange-Bert. & Ector	2007	5.0		1		2		2		0		2
accepted	ADSL	237788	Achnanthidium subsalsum	(Petersen) Aboal	2003	2.5		1		3		1		0		0
accepted	ANSU	248670	Actinocyclus normanii f. subsalsus	(Juhl.-Dannf.) Hust.	1957	2.0		2		0		0		0		4
accepted	ANMN	248671	Actinocyclus normanii var. normanii	(W.Greg. ex Grev.) Hust.	1957	2.0		2		0		0		0		4
accepted	AAQU	262406	Adlafia aquaeductae	(Krasske) Moser Lange-Bert. & Metzeltin	1998	3.0		1		4	ADD 4 2014-	1	ADD 1 2014-	0		0
accepted	ABKM	262407	Adlafia brockmanni	(Hust.) Bruder & Hinz	2008	3.0		2		4		1		0		3
accepted	ABRY	262408	Adlafia bryophila	Moser, Lange-Bert. & Metzeltin	1998	4.7	MOD 5>4,7 1	1	MOD 2>1 15	3	MOD 4>3 15	1		0		3
accepted	ALBL	6006274	Adlafia langebertalotii	O. Monnier & L. Ector	2012	4.5		1		4		1		0		3
accepted	ADMS	237578	Adlafia minuscula	(Grunow) Lange-Bert.	1999	3.0		1		5		1		0		4
accepted	-	6006459	Adlafia minuscula var. minuscula	(Grunow) Lange-Bert.	1999	3.0		1		5		1		0		4
accepted	ADMM	262409	Adlafia minuscula var. muralis	(Grunow) Lange-Bert.	1999	2.0		1		5		1		1	*	4
accepted	APBP	262410	Adlafia parabryophila	(Lange-Bert.) Moser, Lange-Bert. & Metzeltin	1998	0.0		0		0		0		0		0
accepted	ADSP	1016146	Adlafia sp.	Gerd Moser, Lange-Bert. & Metzeltin		5.0		1		0		0		0		0
accepted	ADLS	262411	Adlafia suchlandtii	Moser, Lange-Bert. & Metzeltin	1998	5.0		1	MOD > 1 200	4		1		0		3
accepted	AKRI	262412	Amphipleura kriegeriana	(Krasske) Hust.	1954	5.0	ADD 5 2009-	3	ADD 3 2009-	1		3		0		2
accepted	APEL	237500	Amphipleura pellucida	(Kütz.) Kütz.	1844	4.0	MOD > 4 200	1	MOD > 1 200	1		3		0		4
accepted	AAEQ	262413	Amphora aequalis	Krammer	1980	2.0		3		5		1		0		0
accepted	ACOP	237924	Amphora copulata	(Kütz.) Schoeman & R.E.M.Archibald	1986	4.0		2		5		1		0		4
accepted	ACOPsl	6008126	Amphora copulata s.lat.	(Kütz.) Schoeman & R.E.M.Archibald	1986	4.0		2		5		1		0		4
accepted	AEXM	262414	Amphora eximia	J.R. Carter	1974	4.0	ADD 4 2014-	2	ADD 2 2014-	5		1		0		0
accepted	AINA	262415	Amphora inariensis	Krammer	1980	5.0		1		4	MOD 5>4 15	1		0		0
accepted	AMID	6006303	Amphora indistincta	Levkov	2009	0.0	MOD 5>0 15	0	MOD 1>0 15	0		0		0		0
accepted	AMLV	262416	Amphora laevissima	W.Greg.	1857	0.0		0		5		1		0		0
accepted	AOVA	237930	Amphora ovalis	(Kütz.) Kütz.	1844	3.0		1		5		1		0		4
accepted	APED	237931	Amphora pediculus	(Kütz.) Grunow	1880	4.0		1		5		2		0		4
accepted	AMPS	1010492	Amphora sp.	Ehrenb. ex Kütz.		2.6		2		5		1		0		0
accepted	ANAP	6006304	Aneumastus apiculatus	(Østrup) Lange-Bert.		0.0		0		0		0		0		0
accepted	ANMI	262422	Aneumastus minor	(Hust.) Lange-Bert.	1993	5.0		1		4		1		0		5
accepted	ANSS	262423	Aneumastus stroesei	(Ostrup) Mann	1990	5.0		2		3	MOD 4>3 15	1		0		5
accepted	ANTU	237806	Aneumastus tusculus	(Ehrenb.) D.G. Mann & Stickle	1990	4.5		1		4		1		0		5
accepted	AFOR	257393	Asterionella formosa	Hassall	1850	4.0		1		3	ADD 3 2014-	1	ADD 1 2014-	0		4
accepted	ARAL	256810	Asterionella ralfsii	W.Sm.	1856	4.8	ADD 4,8 201	2	ADD 2 2014-	0		0		0		0
accepted	AUAL	237392	Aulacoseira alpigena	(Grunow) Krammer	1990	4.7	MOD > 4.7 1	1	MOD 2>1 15	2	MOD 0>2 15	1	MOD 0>1 15	0		2
accepted	AAMB	237393	Aulacoseira ambigua	(Grunow) Simonsen	1979	4.0	MOD 3 > 4 2	1		4	MOD 0>4 15	1	MOD 0>1 15	0		4
accepted	AUCS	6006305	Aulacoseira crassipunctata	Krammer		4.0		1		0		0		0		0
accepted	AUDI	237395	Aulacoseira distans	(Ehrenb.) Simonsen	1979	4.6		2		0		0		0		2
accepted	AUGA	245178	Aulacoseira granulata var. angustissima	(O.Müll.) Simonsen	1979	2.9		1		0		0		0		4
accepted	AUGR	248666	Aulacoseira granulata var. granulata	(Ehrenb.) Simonsen	1979	2.9		1		3	MOD 0>3 15	1	MOD 0>1 15	0		4
accepted	AUHU	6006306	Aulacoseira humilis	(Cleve-Euler) Genkal & Trifonova	2001	0.0		0		0		0		0		0
accepted	AIHE	248665	Aulacoseira islandica ssp. helvetica	(O.F.Müll.) Simonsen	1979	5.0		1		0		0		0		3
accepted	AUIS	248664	Aulacoseira islandica var. islandica	(O.Müll.) Simonsen	1979	5.0		1		0		0		0		3
accepted	AUIT	237398	Aulacoseira italica	(Ehrenb.) Simonsen	1979	3.7		1		0		0		0		3
accepted	-	6006460	Aulacoseira italica var. italica	(Ehrenb.) Simonsen	1979	3.7		1		0		0		0		3
accepted	AITE	256784	Aulacoseira italica var. tenuissima	(Grunow) Simonsen	1979	4.0		1		0		0		0		0
accepted	AULC	256785	Aulacoseira lacustris	(Grunow) Krammer	1991	0.0		0		0		0		0		0
accepted	ALIR	237399	Aulacoseira lirata	(Ehrenb.) R.Ross	1986	4.0		1		0		0		0		0
accepted	AMUZ	262424	Aulacoseira muzzanensis	(Meister) Krammer	1991	3.8		1		0		0		0		4
accepted	AUPE	262425	Aulacoseira perglabra	(Østrup) Haworth	1988	4.0		1		0		0		0		0
accepted	AUPF	262426	Aulacoseira pfaffiana	(Reinsch) Krammer	1990	4.0		2		0		0		0		2
accepted	AUPD	262427	Aulacoseira pseudodistans	Lange-Bert. & Krammer (in manuscript)	1996	4.7	MOD 5,0>4,7	1		2	MOD 0>2 15	1	MOD 0>1 15	0		3
accepted	AUPI	6006307	Aulacoseira pseudoislandica	Lange-Bert. & Krammer (in manuscript)		0.0		0		0		0		0		0
accepted	AUPP	262428	Aulacoseira pseudoperglabra	Lange-Bert. & Krammer (in manuscript)	1996	0.0		0		0		0		0		0
accepted	AULS	1010397	Aulacoseira sp.	Thwaites		3.8		1		3	ADD 3 2014-	1	ADD 1 2014-	0		0
accepted	AUSU	237400	Aulacoseira subarctica	(O.Müll.) E.Y.Haw.	1988	4.0		1		3	ADD 2 2014-	1	ADD 1 2014-	0		3
accepted	AUSB	6000068	Aulacoseira subborealis	(Nygaard) L.Denys, K.Muylaert, & Krammer	2003	4.0		1	MOD 2>1 15	0		0		0		3
accepted	AUTL	256782	Aulacoseira tenella	(Nygaard) Simonsen	1979	4.8		1		0		0		0		2
accepted	AUTT	262429	Aulacoseira tenuistriata	Lange-Bert. (in manuscript)	1996	5.0		1		0		0		0		0
accepted	AUVA	237401	Aulacoseira valida	(Grunow) Krammer	1991	4.7	MOD 4>4,7 1	1	MOD 2>1 15	2	MOD 0>2 15	1	MOD 0>1 15	0		2
accepted	BPAX	237763	Bacillaria paxillifera	(O.F.Müll.) Hendey	1951	2.0		3		4		1		0		5
accepted	BRUT	237503	Berkeleya rutilans	(Trentep. ex Roth) Grunow	1880	2.8		2		1		3		0		4
accepted	BBRE	237504	Brachysira brebissonii	R.Ross	1986	5.0		2		1		3		0		2
accepted	BFOL	262366	Brachysira follis	(Ehrenb.) R.Ross	1994	5.0		2		1		3		0		0
accepted	BGAR	262432	Brachysira garrensis	(Lange-Bert. & Krammer) Lange-Bert.	1994	0.0		0		1		3		0		0
accepted	BINT	6006308	Brachysira intermedia	(Østrup) Lange-Bert.	1994	5.0		1		1	MOD 0>1 15	3	MOD 0>3 15	0		2
accepted	BLIL	6006310	Brachysira liliana	Lange-Bert.		5.0		2		1		3		0		0
accepted	BMIN	6006311	Brachysira minor	(Krasske) Lange-Bert.		5.0		1		1		3		0		0
accepted	BNEO	262434	Brachysira neoexilis	Lange-Bert.	1994	5.0		1		1		3		0		2
accepted	BPRO	262435	Brachysira procera	Lange-Bert. & Moser	1994	5.0		1		1		3		0		2
accepted	BSER	237505	Brachysira serians	(Bréb. ex Kütz.) Round & Mann	1981	5.0		2		1		3		0		1
accepted	BRCS	1010439	Brachysira sp.	Kütz.		5.0	ADD 5 2014-	1	ADD 1 2014-	1		3		0		0
accepted	BSTY	262436	Brachysira styriaca	(Grunow) R.Ross	1986	5.0		3		1		3		0		2
accepted	BVIT	237506	Brachysira vitrea	(Grunow) R.Ross	1986	5.0		2		1		3		0		4
accepted	BWYG	262437	Brachysira wygaschii	Lange-Bert.	1994	0.0		0		1		3		0		0
accepted	BZEL	262438	Brachysira zellensis	(Grunow) Round & Mann	1981	5.0		2		1		3		0		3
accepted	CAER	262439	Caloneis aerophila	Bock	1963	0.0		0		3		1		0		0
accepted	CAPS	6006314	Caloneis alpestris	(Grunow) Cleve		5.0		3		3		1		0		4
accepted	CAMP	6006316	Caloneis amphisbaena f. amphisbaena	(Bory) Cleve		2.0		3		3		1		0		4
accepted	CBRD	6006331	Caloneis branderii	(Hust.) Krammer		0.0		0		3		1		0		0
accepted	CFON	6006318	Caloneis fontinalis	(Grunow) Lange-Bert. & E.Reichardt		4.8		1		4		1		0		4
accepted	CHYA	262440	Caloneis hyalina	Hust.	1938	5.0		2		3		1		0		0

accepted	CLCT	6006317	Caloneis lancettula	(Schulz) Lange-Bert. & Witkowski	1996	4.0		2		5	Mod 3>5 150	1		0		4
accepted	CLAU	262441	Caloneis lauta	J.R.Carter & Bailey-Watts	1981	5.0		1		3		1		0		0
accepted	CAOB	6006333	Caloneis obtusa	(W. Sm.) Cleve	1894	2.0		2		3		1		0		0
accepted	CPUL	262442	Caloneis pulchra	Messik.	1927	5.0		3		3		1		0		3
accepted	CSIL	237540	Caloneis silicula	(Ehrenb.) Cleve	1894	4.5	MOD from 5	1	MOD from 3	3		1		0		4
accepted	CALS	1010446	Caloneis sp.	Cleve		4.0		2		3		1		0		4
accepted	CATE	262443	Caloneis tenuis	(W.Greg.) Krammer	1985	5.0		2		3		1		0		3
accepted	CUND	262444	Caloneis undulata	(W.Greg.) Krammer	1985	0.0		0		0	MOD 3>0 15	0	MOD 1>0 15	0		2
accepted	CVAS	6006334	Caloneis vasileyevae	Lange-Bert. Genkal & Vekhov		0.0		0		3	mod 1>3 150	1	mod 3>1 150	0		0
accepted	CHIB	237918	Campylodiscus hibernicus	Ehrenb.	1845	5.0		3		0		0		0		5
accepted	CCOC	262445	Cavinula cocconeiformis	(W.Greg. ex Grev.) D.G.Mann & A.J.Stickle	1990	5.0		2		3	MOD 4>3 15	1		0		3
accepted	CCEL	262446	Cavinula cocconeiformis f. elliptica	(Hust.) Lange-Bert.	1996	5.0		2		0	MOD 4>0 15	0	MOD 1>0 15	0		3
accepted	CITT	262447	Cavinula intractata	(Hust.) Lange-Bert.	1996	5.0	MOD 0>5 15	2	MOD 0>2 15	3	MOD 0>3 15	1	MOD 0>1 15	0		0
accepted	CJAR	262448	Cavinula jaernefeltii	Mann	1990	5.0		2		3	MOD 4>3 15	1		0		2
accepted	CVLP	237570	Cavinula lapidosa	(Krasske) Lange-Bert.	1996	5.0		2		3	MOD 4>3 15	1		0		2
accepted	CVMO	262449	Cavinula mollicula	(Hust.) Lange-Bert.	1996	5.0		1		3	MOD 4>3 15	1		0		0
accepted	CPSE	237509	Cavinula pseudoscutiformis	(Hust.) D.G.Mann & Stickle	1990	5.0		2		2	MOD 4>2	1		0		4
accepted	CVPU	6006336	Cavinula pusio	(Cleve) Lange-Bert.		5.0		3		4		1		0		0
accepted	CVSO	262450	Cavinula scutelloides	(W. Sm.) Lange-Bert.	1996	0.0		0		4		1		0		5
accepted	CAVS	1010440	Cavinula sp.	Mann & Stickle		5.0		2		3	MOD 4>3 15	1		0		0
accepted	CVTH	262451	Cavinula thoroddsenii	(Foged) Lange-Bert.	1996	5.0		2		4		1		0		0
accepted	CVVA	237510	Cavinula variostriata	(Krasske) D.G.Mann & Stickle	1990	5.0		2		3	MOD 4>3 15	1		0		2
accepted	CWEI	6006337	Cavinula weinzierlii	(Schim.) Czarn.	1994	0.0		0		4		1		0		0
accepted	CHBE	262452	Chamaepinnularia begeri	(Krasske) Lange-Bert.	1996	5.0		1		0	MOD 5>0 15	0	MOD 1>0 15	0	**	0
accepted	CHEV	6000069	Chamaepinnularia evanida	(Hust.) Lange-Bert.	1996	4.6		1		5		1		0	MOD 1>0 15	3
accepted	CHKF	262454	Chamaepinnularia krookiformis	(Krammer) Lange-Bert. & Krammer	1999	0.0		0		0	MOD 4>0 15	0	MOD 1>0 15	0		3
accepted	CHKK	262455	Chamaepinnularia krookii	(Grunow) Lange-Bert. & Krammer	1999	0.0	* , MOD > 0	0	*, MOD > 0 2	0	MOD 1 > 5 1	0	MOD 3>1 14	0		0
accepted	CHME	262456	Chamaepinnularia mediocris	(Krasske) Lange-Bert.	1996	5.0	MOD 201412	2		1	MOD 201412	3	MOD 201412	0	MOD 1>0 15	2
accepted	CHPP	6006339	Chamaepinnularia parsura	(Hust.) C.E.Wetzel & Ector		0.0		0		0		0		0		0
accepted	CHRH	6006340	Chamaepinnularia rhombelliptica	Lange-Bert.		4.0		2		4	MOD 0>4 15	1	mod 0>1 150	0		0
accepted	CHSH	262459	Chamaepinnularia soehrensis var. hassiaca	(Krasske) Lange-Bert.	1996	5.0		1		1	MOD 201412	3	MOD 201412	0		2
accepted	CHSM	262460	Chamaepinnularia soehrensis var. muscicola	(Petersen) Lange-Bert. & Krammer	1996	5.0	MOD 4>5 14	1	MOD 3>1 14	1	MOD 5>1 14	3	MOD 1>3 14	0		2
accepted	CHSO	262458	Chamaepinnularia soehrensis var. soehrensis	(Krasske) Lange-Bert. & Krammer	1996	5.0	MOD 201412	1	MOD 201412	1	MOD 201412	3	MOD 201412	0	**	2
accepted	CHSP	1016148	Chamaepinnularia sp.	Lange-Bert. & Krammer		5.0		1		0	MOD 4>0 15	0	MOD 1>0 15	0		0
accepted	CSMU	262313	Chamaepinnularia submuscicola	(Krasske) Lange-Bert.		4.0		3		4		1		0		0
accepted	CWIT	262935	Chamaepinnularia witkowskii	(Lange-Bert. & Metzeltin) Kulikovskiy & Lange-Bert.		5.0		1		4		1		0		0
accepted	COCC	237791	Cocconeis costata var. costata	W.Greg.	1855	0.0		0		0	MOD 2>0 15	0	MOD 2>0 15	0		0
accepted	CDIS	237792	Cocconeis disculus	(Schumann) Cleve	1882	5.0		2		3	MOD 2>3 15	2		0		0
accepted	CNDI	237793	Cocconeis neodiminuta	Krammer	1990	5.0		1		2		2		0		0
accepted	CNTH	237794	Cocconeis neothumensis	Krammer	1991	3.0		1		4	MOD 2>4 15	2		0		5
accepted	CPED	237795	Cocconeis pediculus	Ehrenb.	1838	4.0		2		4		2		0		4
accepted	CPLA	237797	Cocconeis placentula incl. varieties	Ehrenb.	1838	4.0		1		4	Mod 3>4 150	1	Mod 2>1 150	0		4
accepted	COPS	263736	Cocconeis pseudothumensis	E.Reichardt	1982	4.0		1		3	MOD 2>3 15	2		0		0
accepted	CSPA	262464	Cocconeis scutellum var. parva	(Grunow) Cleve	1895	0.0		0		0	MOD 2>0 15	0	MOD 2>0 15	0		5
accepted	CSCU	245181	Cocconeis scutellum var. scutellum	Ehrenb.	1838	2.0		3		2		2		0		5
accepted	COCS	1010467	Cocconeis sp.	C.G. Ehrenb.		3.5		2		0	MOD 2>0 15	0	MOD 2>0 15	0		0
accepted	CTRQ	4000164	Coscinodiscophyceae (Centrales, unidentified Ce	Round & R.M.Crawford		0.0		0		0		0		0		0
accepted	COSS	1010402	Coscinodiscus sp.	Ehrenb.		2.0		2		0		0		0		0
accepted	CRAC	262465	Craticula accomoda	(Hust.) D.G.Mann	1990	1.0		3		5		1		0		4
accepted	CAMB	237673	Craticula ambigua	(Ehrenb.) D.G.Mann	1990	3.0	ADD 3 2014-	3		5		1		1	MOD 0>1 15	0
accepted	CRBU	262466	Craticula buderi	(Hust.) Lange-Bert.	2000	2.0		3		5		1		0		0
accepted	CRCI	6006343	Craticula citrus	(Krasske) E.Reichardt		3.0		1		4		1		0		0
accepted	CRCU	237674	Craticula cuspidata	(Kütz.) D.G. Mann	1990	2.6		3		5		1		0		4
accepted	CRDI	262467	Craticula dissociata	E.Reichardt	1998	0.0		0		5		1		0		0
accepted	CHAL	237675	Craticula halophila	(Grunow ex Van Heurck) D.G. Mann	1990	2.0		3		5		1		0		4
accepted	CMNO	262468	Craticula minusculoides	(Hust.) Lange-Bert.	1993	2.0		2		5		1	MOD 2>1 15	0		0
accepted	CRML	6006344	Craticula molesta	(Krasske) Lange-Bert. & Willmann	1996	2.0		1		5		1		0		0
accepted	CMLF	262469	Craticula molestiformis	(Hust.) Lange-Bert.	2000	2.0		1		5	**	1		1	MOD 201412	4
accepted	CRMO	262472	Craticula riparia var. mollenhaueri	Lange-Bert.	1993	3.0	MOD 2>3 15	1		5		1		0		0
accepted	CRIP	262471	Craticula riparia var. riparia	(Hust.) Lange-Bert.	1993	3.0	MOD 2,5>3 1	1	MOD 2>1 15	5		1		0		2
accepted	CRSA	6006345	Craticula sardiniensis	(Lange-Bert., Cavicini, Tagliaventi & Alfinito) Morales		0.0		0		0		0		0		0
accepted	CRTS	1010458	Craticula sp.	Grunow		2.6		1		5		1		0		0
accepted	CSBM	6006346	Craticula submolesta	(Hust.) Lange-Bert.		2.0		2		5		1		0		2
accepted	CVIX	262473	Craticula vixnegligenda	Lange-Bert.	1993	2.0		1		4	MOD 5>4 15	1		0		0
accepted	CTPU	262474	Ctenophora pulchella	(Ralfs & Kütz.) Williams & Round	1986	3.0		3		2		1		0		4
accepted	CDAM	6000070	Cyclostephanos damasi	(Hust.) Stoermer & Håk.	1983	3.0		1		0		0		0		0
accepted	CDUB	237218	Cyclostephanos dubius	(Hust.) Round	1988	3.0		2		5	ADD 5 15099	1	ADD 1 15099	0		5
accepted	CINV	262475	Cyclostephanos invisitatus	(Hohn & Hellerman) E.C.Ther., Stoermer & Håk.	1987	2.6		1		0		0		0		0
accepted	CYCS	1010369	Cyclostephanos sp.	Round		2.9	ADD 2,9 201	1	ADD 1 2014-	0		0		0		0
accepted	CATQ	237227	Cyclotella antiqua	W.Sm.	1853	0.0		0		0		0		0		2
accepted	CATO	237228	Cyclotella atomus	Hust.	1937	2.0		1		0		0		0		4
accepted	CCMS	237230	Cyclotella comensis	Grunow	1882	4.0		3		0		0		0		3
accepted	CCOS	262477	Cyclotella costei	Druart & Straub		5.0		1		0		0		0		0
accepted	CYDE	6006347	Cyclotella delicatula	Hust.	1952	0.0		0		0		0		0		0
accepted	CDTG	237231	Cyclotella distinguenda	Hust.	1927	4.0		2		0		0		0		4
accepted	CHAK	237229	Cyclotella hakanssoniae	Wendker	1991	2.0		2		0		0		0		0
accepted	CIRI	256796	Cyclotella iris	Brun & Hérib.	1893	5.0		2		0		0		0		0
accepted	CKUT	262478	Cyclotella kuetzingiana	Thwaites	1848	3.0		1		0		0		0		4
accepted	CMED	6006348	Cyclotella meduanae	H.Germ.		2.0		1		0		0		0		4
accepted	CMEN	237234	Cyclotella meneghiniana	Kütz.	1844	2.0		1		5		1		0		4
accepted	COCE	237235	Cyclotella ocellata	Pant.	1901	3.0		1		0		0		0		4
accepted	CPLT	237236	Cyclotella planctonica	Brunnth.	1901	5.0		2		0		0		0		0
accepted	CPRA	262850	Cyclotella praetermissa	J.W.G.Lund	1951	3.7		1		0		0		0		0
accepted	CPCO	6006349	Cyclotella pseudocomensis	Scheffler		0.0		0		0		0		0		0
accepted	CRAD	237238	Cyclotella radiosa	(Grunow) Lemmerm.	1900	4.0		1		0		0		0		4
accepted	CROS	256801	Cyclotella rossii	Håk.	1990	4.0		1		0		0		0		3
accepted	CSCM	237239	Cyclotella schumannii	(Grunow) Håk.	1990	3.0	MOD 5>3 15	1	MOD 3>1 15	0		0		0		0
accepted	CYLS	1010371	Cyclotella sp.	(Kütz.) Bréb.		3.7		1		0		0		0		0
accepted	-	6006350	Cyclotella stelligera var. tenuis	Hust.		0.0		0		0		0		0		0
accepted	CSTR	237242	Cyclotella striata	(Kütz.) Grunow	1880	2.0		3		0		0		0		4
accepted	CTRI	262480	Cyclotella tripartita	Håk.	1990	4.0	MOD 5>4 15	3	MOD 1>3 15	0		0		0		0
accepted	CELL	237913	Cymatopleura elliptica var. elliptica	(Bréb. ex Kütz.) W.Sm.	1851	5.0		2		4		1		0		4
accepted	CEHI	256779	Cymatopleura elliptica var. hibernica	(W. Sm.) Van Heurck	1896	4.0		3		4		1		0		4
accepted	CSAP	262483	Cymatopleura solea var. apiculata	(W. Sm.) Ralfs	1861	4.0		2		4		1		0		4
accepted	CSOL	237914	Cymatopleura solea var. solea	(Bréb.) W.Sm.	1851	4.0		2		4		1		0		4
accepted	CAFM	262484	Cymbella affiniformis	Krammer	2002	4.0		2		0		0		0		0
accepted	CAFF	237833	Cymbella affinis	Kütz.	1844	4.0		2		1		3		0		4
accepted	CAME	262485	Cymbella amelieana	Van de Vijver & Lange-Bert.	2008	5.0		1	** MOD 200	0		0		0		0
accepted	CASP	237836	Cymbella aspera	(Ehrenb.) Cleve	1889	4.0		3		4		2		0		4
accepted	CCMP	6000072	Cymbella compacta	Østrup	1910	5.0		3		2		1		0		0
accepted	CCYM	237840	Cymbella cymbiformis	C.Agardh	1830	4.0		3		2		1		0		3
accepted	CDNO	262486	Cymbella dorsenotata	Østrup	1910	4.0	ADD 4 2014-	2	ADD 2 2014-	2	MOD 4>2 15	1	MOD 2>1 15	0		4
accepted	CEAN	6006351	Cymbella excisa var. angusta	Krammer	2002	0.0		0		0		0		0		0
accepted	CAEX	262487	Cymbella excisa var. excisa	Kütz.	1844	4.0		2		0		0		0		4
accepted	CEXF	262488	Cymbella excisiformis	Krammer	2002	5.0	ADD 5 2009-	1	ADD 1 2009-	2	ADD 2 15070	1	ADD 1 15070	0		4
accepted	CHEL	237845	Cymbella helvetica	Kütz.	1844	5.0		3		2	MOD 4>2 15	1	MOD 2>1 15	0		4
accepted	CHUS	237846	Cymbella hustedtii	Krasske	1923	5.0		2		2		1		0		4
accepted	CLAE	6006352	Cymbella laevis	Nägeli	1849	5.0		3		2		1		0		3
accepted	CLAN	237847	Cymbella lanceolata	(C.Agardh) C.Agardh	1830	4.0		2		3	MOD 4>2>3	1	MOD 2>1 15	0		4
accepted	CLTL	262489	Cymbella lancettula	(Krammer) Krammer	2002	4.0		2		2		1		0		0
accepted	CLBE	262490	Cymbella lange-bertalotii	Krammer	2002	5.0		3		2		1		0		4
accepted	CNVL	262491	Cymbella naviculacea	Grunow	1881	5.0		2		2		1		0		0
accepted	CNCI	262492	Cymbella neocistula	Krammer	2002	4.0	*	3	*	4		2		0		4
accepted	CNGN	262493	Cymbella neogena	(Grunow) Krammer	2002	4.0		3		0	MOD 4>0 15	0	MOD 2>0 15	0		4
accepted	CNLP	262494	Cymbella neoleptoceros	Krammer	2002	4.0		2		0		0		0		4
accepted	CPAR	262495	Cymbella parva	(W. Sm.) Kirchner	1878	5.0		3		2		1		0		0

accepted	CPAS	262496	Cymbella peraspera	Krammer	2002	4.5	ADD 4,5 201	3	ADD 3 2012-	2	MOD 4>2 15	1	MOD 2>1 15	0		0
accepted	CPPV	6000073	Cymbella perparva	Krammer	2002	5.0		3		0		0		0		4
accepted	CPVA	262497	Cymbella pervarians	Krammer	2002	0.0		0		0		0		0		0
accepted	CPBO	262500	Cymbella proxima var. borealis	Krammer	2002	0.0		0		0	MOD 4>0 15	0	MOD 2>0 15	0		0
accepted	CPBT	6006353	Cymbella proxima var. bottnica	Krammer		0.0		0		0		0		0		0
accepted	CPRX	262499	Cymbella proxima var. proxima	Reimer	1975	3.5	MOD 3>3,5 1	3		4		2		0		0
accepted	CYMS	1010477	Cymbella sp.	C.Agardh		4.0	MOD 3,8>4 1	1		3	MOD 2>3 15	1		0		0
accepted	CSUA	6006355	Cymbella subaspera var. subaspera	Krammer		4.0		3		4		2		0		4
accepted	CSCI	262501	Cymbella subcistula	Krammer	2002	4.5		3		4	* ADD 4 201	2	* ADD 2 201	0		4
accepted	CSBH	262502	Cymbella subhelvetica	Krammer	2002	5.0		3		0		0		0		4
accepted	CSLP	262356	Cymbella subleptoceros	Krammer		5.0		2		0		0		0		4
accepted	CTUM	237855	Cymbella tumida	(Bréb.) Van Heurck	1880	3.0		3		4		2		0		4
accepted	CTBE	6000075	Cymbella turgidula var. bengalensis	Krammer	2002	4.0		2		2		1		0		0
accepted	CVUL	262503	Cymbella vulgata	Krammer	2002	4.0	ADD 4 2014-	2	ADD 2 2014-	0		0		0		0
accepted	CBAG	6006356	Cymbopleura angustata var. angustata	(W.Sm.) Krammer	2003	5.0		3		2		1		0		3
accepted	CFTF	262504	Cymbopleura florentiniformis	Krammer	2003	0.0		0		0	MOD 2>0 15	0	MOD 1>0 15	0		0
accepted	CBFQ	262505	Cymbopleura frequens	Krammer	2003	0.0		0		0	MOD 2>0 15	0	MOD 1>0 15	0		0
accepted	CHCN	262506	Cymbopleura hercynica	(A.Schmidt) Krammer	2003	5.0		2		2	ADD 2 2014-	1	ADD 1 2014-	0		3
accepted	CIQF	262507	Cymbopleura inaequaliformis	Krammer	2003	0.0		0		0	MOD 4>0 15	0	MOD 2>0 15	0		0
accepted	CBPI	262508	Cymbopleura incerta	(Grunow) Krammer	2003	5.0	* MOD 2009-	2	* MOD 2009-	2		1		0		3
accepted	CBIF	262509	Cymbopleura incertiformis var. incertiformis	Krammer	2003	0.0		0		0		0		0		0
accepted	CBIL	262510	Cymbopleura incertiformis var. laterostrata	Krammer	2003	0.0		0		0	MOD 2>0 15	0	MOD 1>0 15	0		0
accepted	CBLP	6006357	Cymbopleura lapponica	(Grunow) Krammer		0.0		0		1		1		0		0
accepted	CLIR	262511	Cymbopleura linearis	(Foged) Krammer	2003	5.0		2		2		1		0		0
accepted	CBNA	237850	Cymbopleura naviculiformis	(Auersw. ex Heib.) Krammer	2003	3.8		3		4	MOD 2>4 15	1		0		3
accepted	CPAG	6006358	Cymbopleura peranglica	Krammer		0.0		0		0		0		0		0
accepted	CRAN	262514	Cymbopleura rhomboidea var. angusta	Krammer	2003	0.0		0		4	MOD 2>4 15	1		0		0
accepted	CBPL	1016144	Cymbopleura sp.	(Krammer) Krammer		0.0		0		0		0		0		0
accepted	CSAQ	262513	Cymbopleura subaequalis	(Grunow) Krammer	2003	4.6	* (för CSAQ)	2	* (för CSAQ)	2		1		0		3
accepted	CBSU	6006359	Cymbopleura subcuspidata	(Krammer) Krammer		4.0		3		2		1		0		0
accepted	CSLN	262515	Cymbopleura sublanceolata	Krammer	2003	0.0		0		0	MOD 2>0 15	0	MOD 1>0 15	0		0
accepted	DPLA	262516	Decussata placenta	(Ehrenb.) Lange-Bert. & Metzeltin	2000	5.0		3		2	MOD 4>2 15	1		0		3
accepted	DDAL	262520	Delicata delicatula var. alpestris	Krammer	2003	0.0		0		1		3		0		0
accepted	DDEL	262519	Delicata delicatula var. delicatula	(Kütz.) Krammer	2003	5.0		1	MOD 2>1 15	1		3		0		4
accepted	DVRN	262521	Delicata verena	Lange-Bert. & Krammer	2003	5.0	ADD 5 2014-	2	ADD 2 2014-	1		3		0		0
accepted	DKUE	262522	Denticula kuetzingii	Grunow	1862	4.0		2		4	MOD 2>4 15	2		0		4
accepted	DENS	1016152	Denticula sp.	Kütz.		0.0		0		0		0		0		0
accepted	DTEN	262523	Denticula tenuis	Kütz.	1844	5.0		1	MOD from 3	2		2		0		4
accepted	DBRE	262524	Diadesmis brekkaensis	(J.B.Petersen) D.G. Mann	1990	5.0		2		3	MOD 5>3 15	1		0	MOD 141205	3
accepted	DCOF	262320	Diadesmis confervacea	Kütz.		1.0		3		5		1		1		3
accepted	DCBI	262528	Diadesmis contenta var. biceps	(Grunow) P.B.Ham.	1992	4.0		1		3	MOD 5>3 15	1		0	MOD 1>0 15	4
accepted	DCOT	262527	Diadesmis contenta var. contenta	(Grunow) D.G.Mann	1990	4.0	**, MOD 3,5	1		3	MOD 5>3 15	1		0	MOD 1>0 15	4
accepted	DPER	262526	Diadesmis perpusilla	(Grunow) D.G. Mann	1990	5.0		1		2	MOD 5>2 15	1		0	** MOD > 0	3
accepted	DANC	262529	Diatoma anceps	(Ehrenb.) Kirchn.	1878	5.0		3		2		1		0		3
accepted	DEHR	238022	Diatoma ehrenbergii	Kütz.	1844	4.0		3		2	MOD 5>2 15	1	MOD 3>1 15	0		5
accepted	DMES	238024	Diatoma mesodon	(Ehrenb.) Kütz.	1844	5.0		3		1	MOD 2>1 15	2		0		3
accepted	DMON	238025	Diatoma moniliformis	Kütz.	1833	4.0		2		3		1		0		5
accepted	DPRO	262530	Diatoma problematica	Lange-Bert.	1993	4.0		2		2		1		0		4
accepted	DIAS	1010523	Diatoma sp.	Bory de St-Vincent		4.0		1		2		1		0		0
accepted	DITE	238026	Diatoma tenuis	C.Agardh	1812	3.0		1		2		2		0		4
accepted	DVUL	238027	Diatoma vulgaris	Bory de Saint-Vincent	1824	4.0		1		4	MOD 5>4 15	3		0		5
accepted	DGEM	237871	Didymosphenia geminata	(Lyngb.) M.Schmidt	1899	5.0		3		2		3		0		0
accepted	DIMI	237371	Dimeregramma minor	(Gregory) Ralfs	1861	0.0		0		0		0		0		5
accepted	DBOL	262531	Diploneis boldtiana	Cleve	1891	5.0		1		1		1		0		0
accepted	DBBU	237515	Diploneis bombus	(Ehrenb.) Ehrenb. ex Cleve	1844	0.0		0		0	MOD 1>0 15	0	MOD 1>0 15	0		5
accepted	DDID	237517	Diploneis didyma	(Ehrenb.) Cleve		2.0		3		0		0		0		4
accepted	DELL	237519	Diploneis elliptica	(Kütz.) Cleve	1894	5.0		2		3	MOD 1>3 15	1		0		4
accepted	DFIN	237520	Diploneis finnica	(Ehrenb.) Cleve	1891	0.0		0		1		1		0		0
accepted	DINT	237521	Diploneis interrupta	(Kütz.) Cleve	1894	0.0	MOD 5>0 du	0	MOD 3>0 du	0		0		0		5
accepted	DKRA	237525	Diploneis krammeri	Lange-Bert. & E.Reichardt	2000	4.0		2		0	MOD 141205	0	MOD 141205	0		4
accepted	DMAR	262532	Diploneis marginestriata	Hust.	1922	5.0		2		1		1		0		0
accepted	DMAU	237522	Diploneis maulerii	(Brun) Cleve		3.0		2		0		0		0		0
accepted	DMIN	262533	Diploneis minuta	J.B.Petersen		5.0		2		1		1		0		0
accepted	DMOD	262534	Diploneis modica	Hust.		4.0		2		1		1		0		0
accepted	DOBL	237523	Diploneis oblongella	(Nägeli) Cleve-Euler	1922	4.0		2		3	MOD 1>3 15	1		0		4
accepted	DOCU	237524	Diploneis oculata	(Bréb.) Cleve	1894	4.0	MOD from 5	1	MOD from 3	3	MOD 1>3 15	1		0		3
accepted	DPAR	262535	Diploneis parma	Cleve	1891	5.0		3		1		1		0		0
accepted	DPET	262536	Diploneis peterseni	Hust.	1937	5.0		2		1		1		0		3
accepted	DPUE	237527	Diploneis puella	(Schumann) Cleve		5.0		3		1		1		0		4
accepted	DIPS	1010443	Diploneis sp.	Ehrenb. ex Cleve		4.0		1	!	3	MOD 1>3 15	1		0		0
accepted	DSBO	6006406	Diploneis subovalis	Cleve	1894	4.5		2		1		1		0		0
accepted	DPST	262537	Discostella pseudostelligera	(Hust.) Houk & Klee	2004	4.0		1		4	4 ADD 2014-	1	1 ADD 2014-	0		3
accepted	DSTE	237241	Discostella stelligera	(Cleve & Grunow) Houk & Klee	2004	4.2		1		3	3 ADD 151110	1	1 add 151109	0		0
accepted	DWOL	262538	Discostella woltereckii	(Hust.) Houk & Klee	2004	4.0		1		0		0		0		3
accepted	EARE	237403	Ellerbeckia arenaria	(Moore) R.M.Crawford	1988	4.5	MOD 5>4,5 1	1	MOD 3 > 1 2	4		1	MOD 2>1 15	0		4
accepted	EAEQ	262539	Encyonema aequilongum	Lange-Bert. & Krammer	1997	0.0		0		0	MOD 2>0 15	0	MOD 1>0 15	0		0
accepted	ENAM	6006407	Encyonema amanianum	Krammer		0.0		0		2	ADD 2 15070	1	ADD 1 15070	0		0
accepted	EAUE	262540	Encyonema auerswaldii	Rabenh.	1853	4.0		3		0	MOD 2>0 15	0	MOD 1>0 15	0		0
accepted	EBVC	262541	Encyonema brevicapitatum	Krammer	1999	5.0		2		2		1		0		0
accepted	ECAE	237823	Encyonema cespitosum var. cespitosum	Kütz.	1849	4.0		2		4		2		0		0
accepted	ECCO	262543	Encyonema cespitosum var. comensis	Krammer	1997	4.0		2		0	MOD 4>0 15	0	MOD 2>0 15	0		0
accepted	ENDS	262544	Encyonema distinctum	Lange-Bert. & Krammer	1997	0.0		0		2		1		0		0
accepted	EELG	262545	Encyonema elginense	(Krammer) D.G. Mann		5.0	ADD 5 2014-	3	ADD 3 2014-	2	ADD 2 2014-	1	ADD 1 2014-	1	ADD 1 15070	4
accepted	EEL1	6006408	Encyonema elginense (MT1)	Krammer	1997	5.0		3		0	MOD 2>0 15	1		0		0
accepted	EFOG	6000076	Encyonema fogedii (MT1)	Krammer	1997	0.0		0		2		1		0		0
accepted	EFO2	6000077	Encyonema fogedii (MT2)	Krammer	1997	0.0		0		2		1		0		0
accepted	EGAE	262547	Encyonema gaeumannii	(Meister) Krammer		5.0		2		2		1		0		2
accepted	EHEB	262548	Encyonema hebridicum	Grunow & Cleve	1891	5.0		2		1	MOD 2>1 15	1		0		2
accepted	EHUS	262549	Encyonema hustedtii	Krammer		4.0	ADD 4 2014-	2	ADD 2 2014-	0		0		0		0
accepted	ENJE	262550	Encyonema jemtlandicum	Krammer	1997	0.0		0		2		1		0		0
accepted	ENLB	262551	Encyonema lange-bertalotii	Krammer	1997	4.0	MOD > 4 200	1		4	MOD 2>4 15	2	MOD 1>2 15	0		3
accepted	ENLA	262552	Encyonema latens	(Krasske) D.G.Mann	1990	4.0		1		2		1		0		0
accepted	ENLU	262553	Encyonema lunatum	(W. Sm.) Van Heurck	1896	5.0		2		2		1		0		0
accepted	ENMF	262554	Encyonema minutiforme	Krammer	1997	5.0	ADD 5 2009-	1	ADD 1 2009-	2		1		0		0
accepted	ENMI	237828	Encyonema minutum	(Hilse) D.G.Mann	1990	4.0	MOD 4,8>4 1	2		4	MOD 3>4 15	2		0		3
accepted	ENNG	237844	Encyonema neogracile var. neogracile	Krammer		5.0		2		2		1		0		2
accepted	ENNT	262556	Encyonema neogracile var. tenuipunctata	Krammer	1997	5.0		2		2		1		0		2
accepted	EOBS	262557	Encyonema obscurum	(Krasske) D.G. Mann	1990	5.0		3		2		1		0		0
accepted	EPKW	262558	Encyonema pankowii	Lange-Bert. & Krammer	1997	5.0	ADD 5 2014-	1	ADD 1 2014-	2		1		0		0
accepted	EPEL	6006409	Encyonema perelginense	Krammer		5.0		3		2	MOD 0>2 15	1	MOD 0>1 15	0		0
accepted	EPRG	262559	Encyonema pergracile	Krammer	1997	5.0		1		2		1		0		2
accepted	ENPM	262560	Encyonema perminutum	Krammer	1997	5.0	ADD 5 2014-	2	ADD 2 2014-	2		1		0		0
accepted	ENPE	237830	Encyonema perpusillum	(A.Cleve) Mann	1990	5.0		2		2		1		0		2
accepted	ENPR	262561	Encyonema procerum	Krammer	1997	0.0		0		0	MOD 2>0 15	0	MOD 1>0 15	0		0
accepted	EPRO	237831	Encyonema prostratum	(Berk.) Kütz.	1844	4.0		3		2	*	1	*	0		4
accepted	ENRE	262562	Encyonema reichardtii	(Krammer) D.G.Mann	1990	4.5	**MOD 2010	1		4	MOD 2>4 15	1		0		3

accepted	ERIF	262563	Encyonema rifelanum	Krammer	1997	0.0		0		0	MOD 2>0 15	0	MOD 1>0 15	0		0
accepted	ESDP	6006410	Encyonema silesiacum var. distinctepunctatum	Krammer		0.0		0		0		0		0		0
accepted	ENSL	262565	Encyonema silesiacum var. lata	Krammer	1997	5.0		2		3		2		0		0
accepted	ESLE	237832	Encyonema silesiacum var. silesiacum	(Bleisch) D.G.Mann	1990	5.0	ADD 5 2014-	2	ADD 2 2014-	3	ADD 3 2014-	2	ADD 2 2014-	0		3
accepted	ENSI	262566	Encyonema simile	Krammer	1997	5.0	ADD 5 2009-	2	ADD 2 2009-	2		1		0		3
accepted	ENSP	1010476	Encyonema sp.	Kütz.		4.9		2		2		1		0		0
accepted	ESNO	6006411	Encyonema subnorvegicum	Krammer		0.0		0		0		0		0		0
accepted	ESPG	6006412	Encyonema supergracile	Krammer & Lange-Bert.	1997	5.0		3		2	MOD 0>2 15	1	MOD 0>1 15	0		2
accepted	ENVA	262569	Encyonema ventricosum var. angustum	Krammer	1997	5.0	ADD 5 2014-	1	ADD 1 2014-	2		1		0		0
accepted	ENVE	262568	Encyonema ventricosum var. ventricosum	(C.Agardh) Grunow	1885	4.0	MOD from 4,	1		4	MOD 2>4 15	2	MOD 1>2 15	0		3
accepted	EVUL	262570	Encyonema vulgare	Krammer	1997	5.0		3		2		1		0		4
accepted	ECAL	262571	Encyonopsis alpina	Krammer & Lange-Bert.	1997	5.0	*ADD 5 2010	1	*ADD 1 2010	2		1		0		3
accepted	ECCF	6000502	Encyonopsis cesatiformis	Krammer		0.0		0		2	MOD 0>2 15	1	MOD 0>1 15	0		0
accepted	ECES	237837	Encyonopsis cesatii	(Rabenh.) Krammer	1997	5.0		2		2		1		0		3
accepted	-	6006463	Encyonopsis cesatii var. cesati	(Rabenh.) Krammer	1997	5.0		2		1		1		0		3
accepted	ECGE	262572	Encyonopsis cesatii var. geitleri	(Rabenh.) Krammer	1997	5.0	ADD 5 2009-	2	ADD 2 2009-	2		1		0		3
accepted	EDES	262573	Encyonopsis descripta	(Hust.) Krammer		5.0		2		2		1		0		0
accepted	ECFA	237843	Encyonopsis falaisensis	(Grunow) Krammer		5.0		2		2		1		0		0
accepted	ECKR	262574	Encyonopsis krammeri	E.Reichardt	1997	5.0	ADD 5 2009-	2	ADD 2 2009-	2		1		0		3
accepted	EKRI	6006414	Encyonopsis kriegeri	(Krasske) Krammer		0.0		0		2		1		0		0
accepted	ELCL	262575	Encyonopsis lanceola	(Grunow) Krammer	1997	0.0		0		3	MOD 2>3 15	1		0		0
accepted	ENCM	237849	Encyonopsis microcephala	(Grunow) Krammer	1997	4.0		2		1		2		0		4
accepted	ECPM	262576	Encyonopsis minuta	Krammer & E.Reichardt	1997	4.0	MOD > 4 200	2	MOD > 2 200	4	MOD 1>4 15	1	MOD 2>1 15	0		4
accepted	ENPH	237835	Encyonopsis neoamphioxys	Krammer	1997	5.0		3		2		1		0		2
accepted	ECPB	262577	Encyonopsis perborealis	Krammer	1997	5.0	ADD 5 2009-	3	ADD 3 2009-	2		1		0		0
accepted	ENCP	1016155	Encyonopsis sp.	Krammer		5.0		1		2		1		0		0
accepted	ESUM	262578	Encyonopsis subminuta	Krammer & E.Reichardt	1997	5.0		1		2		1		0		3
accepted	ETHU	262579	Encyonopsis thumensis	Krammer	1997	0.0		0		0	MOD 2>0 15	0	MOD 1>0 15	0		0
accepted	EORN	262580	Entomoneis ornata	(Bailey) Reimer	1975	2.0		3		0		0		0		3
accepted	ENTO	1012310	Entomoneis sp.	C.G. Ehrenb.		0.0		0		5	ADD 5 2014-	1	ADD 1 2014-	0		0
accepted	EOMI	237577	Eolimna minima	(Grunow) Lange-Bert.	1998	2.2	** MOD > 2,	1		5		1		1	ADD 1 2009-	4
accepted	EOSA	6006468	Eolimna subadnata	(Hust.) Gerd Moser et al.	1998	3.0		1		5		1		0		0
accepted	ESBM	262581	Eolimna subminuscula	(Manguin) Moser, Lange-Bert. & Metzeltin	1998	2.0		1		5		1		1	ADD 1 2009-	4
accepted	EUTE	262895	Eolimnia utermoehlii	(Hust.) Lange-Bert., Kulikovskiy & Witkowski		2.3		1		4		1		0		4
accepted	EADN	237880	Epithemia adnata	(Kütz.) Bréb.	1838	4.0		3		4	MOD 1>4 15	2		0		5
accepted	EARG	6006469	Epithemia argus var. argus	(Ehrenb.) Kütz.	1884	5.0		3		1		2		0		4
accepted	EFRI	237882	Epithemia frickei	Krammer	1987	4.0		3		1		2		0		4
accepted	ESMI	262582	Epithemia smithii	Carruth.		0.0		0		1		2		0		0
accepted	ESOR	237884	Epithemia sorex	Kütz.	1844	4.0		2		4	MOD 1>4 15	1	MOD 2>1 15	0		5
accepted	EPIS	1010484	Epithemia sp.	Bréb.		4.4		3		4	MOD 1>4 15	1	MOD 2>1 15	0		0
accepted	ETGR	262584	Epithemia turgida var. granulata	(Ehrenb.) Brun		4.2		3		4	MOD 1>4150	1	MOD 2>1 15	0		5
accepted	ETUR	237885	Epithemia turgida var. turgida	(Ehrenb.) Kütz.	1844	4.0	MOD 5>4 15	1	MOD 2>1 15	4	MOD 1>4 15	1	MOD 2>1 15	0		5
accepted	ETWE	262585	Epithemia turgida var. westermannii	(Ehrenb.) Grunow		0.0		0		1		2		0		0
accepted	EUAL	262586	Eucocconeis alpestris	(Brun) Lange-Bert.	1999	5.0	ADD 5 2009-	3	ADD 3 2009-	2	MOD 3>2 15	1		0		3
accepted	EUDE	6006470	Eucocconeis depressa	(Cleve) Lange-Bert.	1999	5.0	MOD 4>5 15	1		2	MOD 3>2 15	1		0		3
accepted	EUFL	237771	Eucocconeis flexella	(Kütz.) Meister	1880	5.0		3		2	MOD 3>2 15	1		0		3
accepted	EULA	237773	Eucocconeis laevis	(Østrup) Lange-Bert.	1999	5.0		2		3		1		0		3
accepted	EAMB	262593	Eunotia ambivalens	Lange-Bert. & Tagliaventi		5.0		1		1		3		0		3
accepted	EAGT	262587	Eunotia angusta	(Grunow) Åke Berg	1939	5.0		2		1		3		0		0
accepted	EARB	262588	Eunotia arcubus	Nörpel-Schempp & Lange-Bert.		5.0		3		1		3		0		3
accepted	EARL	262589	Eunotia arculus	(Grunow) Lange-Bert. & Nörpel	1993	4.8		2		1		3		0		2
accepted	EARC	237937	Eunotia arcus var. arcus s.str.	Ehrenb.	1837	5.0		3		1		3		0		3
accepted	EBER	6006471	Eunotia bertrandii	Lange-Bert. & Tagliaventi	2011	5.0		2		1		3		0		2
accepted	EBCS	262640	Eunotia biconstricta	(Grunow) Lange-Bert.	2011	4.8		1		1		3		0		2
accepted	EUBI	262591	Eunotia bidens	Ehrenb.	1843	5.0		2		1		3		0		2
accepted	EBLU	6008141	Eunotia bilunaris	(Ehrenb.) Schaarschmidt	1881	5.0		2		1	MOD 3>1 15	3		0		2
accepted	EBOA	262595	Eunotia boreoalpina	Lange-Bert. & Nörpel-Schempp	1998	5.0		1		1		3		0		2
accepted	EBOR	262596	Eunotia boreotenuis	Nörpel-Schempp & Lange-Bert.	1996	5.0		2		1		3		0		2
accepted	EBOT	262597	Eunotia botuliformis	Wild, Nörpel & Lange-Bert.	1993	5.0		1		1		3		0		2
accepted	ECHE	262598	Eunotia chelonia	Nörpel-Schempp, Lange-Bert. & Metzeltin	1996	5.0		2		1		3		0		2
accepted	ECIR	262599	Eunotia circumborealis	Lange-Bert. & Nörpel	1991	5.0		3	MOD 1>3 15	1		3		0		2
accepted	ECRG	6006472	Eunotia crista-galli	Cleve		5.0	MOD 4,5>5 1	2		1		3		0		2
accepted	ECTG	262600	Eunotia curtagrunowii	Nörpel-Schempp & Lange-Bert.	1996	5.0		2		1		3		0		2
accepted	EDEN	262601	Eunotia denticulata	(Bréb.) Rabenh.	1864	5.0		2		1		3		0		2
accepted	EDIO	237939	Eunotia diodon	Ehrenb.	1937	5.0		3		1		3		0		2
accepted	EDOR	6006473	Eunotia dorofeyukae	Lange-Bert. & Kulikoskiy	2010	5.0		1		1		3		0		2
accepted	EELE	262602	Eunotia elegans	Østrup	1920	5.0		1		1		3		0		2
accepted	EEUR	6000505	Eunotia eurycephala	(Grun.) Nörpel-Schempp & Lange-Bert.	1996	5.0		2		1		3		0		2
accepted	EEXI	237940	Eunotia exigua var. exigua	(Bréb. ex Kütz.) Rabenh.	1864	5.0		2		1		3		0		1
accepted	EEXS	262605	Eunotia exsecta	(Cleve-Euler) Nörpel-Schempp & Lange-Bert.	1996	5.0		3		1		3		0		2
accepted	EFAB	237941	Eunotia faba	Ehrenb.		5.0		3		1		3		0		2
accepted	EFAL	237942	Eunotia fallax	A. Cleve	1895	4.0		2		1		3		0		2
accepted	EFLE	262607	Eunotia flexuosa	(Bréb.) Kütz.	1849	5.0		2		1		3		0		2
accepted	EFOM	6008142	Eunotia formicina	Lange-Bert.	2011	5.0	ADD 5 2015-	1	ADD 1 2015-	1	ADD 1 2015-	3	ADD 3 2015-	0		2
accepted	EGEN	262609	Eunotia genuflexa	Nörpel-Schempp	1996	5.0		2		1		3		0		2
accepted	EGFA	262610	Eunotia glacialifalsa	Lange-Bert.	2000	5.0		2		1		3		0		2
accepted	EGLA	237943	Eunotia glacialis	Meister	1912	4.0		2		1		3		0		2
accepted	EUGR	262611	Eunotia groenlandica	(Grunow) Nörpel-Schempp & Lange-Bert.	1996	5.0		2		1		3		0		2
accepted	EHEM	262612	Eunotia hemicyclus	(Ehrenb.) Ralfs	1861	5.0		2		1		3		0		0
accepted	EHEX	262613	Eunotia hexaglyphis	Ehrenb.	1854	5.0		1		1		3		0		2
accepted	EIAT	262614	Eunotia iatriaensis	Foged	1970	5.0		1		1		3		0		2
accepted	EIMP	237944	Eunotia implicata	Nörpel, Lange-Bert. & Alles	1991	5.0		2		1		3		0		2
accepted	EINC	237945	Eunotia incisa var. incisa	W.Sm. ex W.Greg.	1854	5.0		1		1		3		0		2
accepted	EINF	262616	Eunotia inflata	(Grunow) Nörpel-Schempp & Lange-Bert.	1996	5.0		1		1		3		0		2
accepted	EISL	6006474	Eunotia islandica	Østrup		5.0		3		1		3		0		2
accepted	EJUE	6008129	Eunotia juettnerae	Lange-Bert.	2011	5.0	ADD 5 2015-	1	ADD 1 2015-	1	ADD 1 2015-	3	ADD 3 2015-	0		2
accepted	EKRU	6006475	Eunotia kruegeri	Lange-Bert.	2004	5.0		2		1		3		0		2
accepted	ELAP	6006476	Eunotia lapponica	Grunow ex A. Cleve	1895	5.0	mod 4>5 150	1		1		3		0		0
accepted	EMEIss	6008131	Eunotia meisteri	Hust.	1930	5.0		3		1		3		0		2
accepted	EMEO	6008133	Eunotia meisterioides	Lange-Bert.	2011	5.0		1		1		3		0		2
accepted	EMMO	6008135	Eunotia metamonodon	Lange-Bert.	2011	5.0		1		1		3		0		2
accepted	EMIC	262619	Eunotia microcephala	Krasske	1932	5.0		1		1		3		0		2
accepted	EMIN	237946	Eunotia minor	(Kütz.) Grunow	1881	4.6		1		2	MOD 1>2 15	1	MOD 3>1 15	0		2
accepted	EMMA	262622	Eunotia monodon var. major	(W. Sm.) Hust.	1930	5.0		2		1		3		0		2
accepted	EMON	6006479	Eunotia monodon var. monodon	Ehrenb.		5.0		1		1		3		0		2
accepted	EMUC	262594	Eunotia mucophila	(Lange-Bert., Nörpel & Alles) Lange-Bert.	2005	5.0		2		1		3		0		2
accepted	EMUS	262624	Eunotia muscicola var. muscicola	Krasske	1939	5.0		1		1		3		0		2
accepted	EMYR	6008149	Eunotia myrmica	Lange-Bert.	2011	5.0		1		2		3		0		2
accepted	ENAE	262627	Eunotia naegeli	Migula	1907	5.0		2		1		3		0		2
accepted	ENEN	262629	Eunotia neocompacta	Mayama	1998	5.0		1		1		3		0		2
accepted	ENEC	6006480	Eunotia neocompacta var. neocompacta	Mayama	1998	5.0		3		1		3		0		2
accepted	ENVI	6006481	Eunotia neocompacta var. vixcompacta	Lange-Bert.	2011	5.0	MOD 0>5 15	1	MOD 0>1 15	1	MOD 0>1 15	3	MOD 0>3 15	0		2
accepted	ENFA	262628	Eunotia neofallax	Nörpel-Schempp & Lange-Bert.		5.0	MOD 0 > 5 2	1	MOD 0 > 1 2	1		3		0		2
accepted	EUNE	6006477	Eunotia neoscandinavica	Lange-Bert. & Witkowski	2011	5.0		1		1		3		0		2
accepted	ENYA	262652	Eunotia nymanniana	Grunow	1881	5.0		1		1		3		0		2

accepted	EUPA	262631	Eunotia paludosa var. paludosa	Grunow	1862	5.0		1		1		3		0		1
accepted	EPAN	262636	Eunotia parallela var. angusta	Grunow		5.0		2		1		3		0		1
accepted	EPAR	262635	Eunotia parallela var. parallela	Ehrenb.		5.0		2		1		3		0		2
accepted	EPTD	262626	Eunotia paratridentula	Lange-Bert. & Kulikovskiy	2010	5.0		3		1		3		0		2
accepted	EPEC	262637	Eunotia pectinalis var. pectinalis	(Kütz.) Rabenh.	1864	4.8	MOD 4(EPU	1	MOD 2(EPU	1		3		0		2
accepted	EPEM	262625	Eunotia perminuta	(Grunow) R.M.Patrick	1958	5.0	ADD 5 2014-	3	ADD 3 2014-	1		3		0		2
accepted	EPRA	237948	Eunotia praerupta	Ehrenb.	1843	5.0		1		1		3		0		2
accepted	EPSG	6006482	Eunotia pseudogroenlandica	Lange-Bert. & Tagliaventi	2011	5.0		2		1		3		0		2
accepted	EPDP	262641	Eunotia pseudoparalleloides	(Grunow) Nörpel-Schempp & Lange-Bert.	1996	5.0	ADD 5 2009-	1	ADD 1 2009-	1		3		0		2
accepted	ERHO	262642	Eunotia rhomboidea	Hust.	1950	5.0	MOD > 5 200	1	MOD > 1 200	1		3		0		2
accepted	ERHY	262643	Eunotia rhynchocephala	Hust.	1936	5.0		1		1		3		0		0
accepted	ERUZ	262644	Eunotia ruzickae	Bily & Marvan	1962	0.0		0		1		3		0		0
accepted	ESAT	262645	Eunotia satelles	(Nörpel-Schempp & Lange-Bert.) Nörpel-Schemp	1996	0.0		0		1		3		0		0
accepted	ESEM	262646	Eunotia seminulum	Nörpel-Schempp & Lange-Bert.	1996	5.0	ADD 5 2009-	1	ADD 1 2009-	1		3		0		2
accepted	ESEO	6008143	Eunotia septentrionalis s.str.	Østrup	1897	5.0		3		1		3		0		2
accepted	ESDI	262648	Eunotia serra var. diadema	(Ehrenb.) Patrick	1958	5.0		3		1		3		0		2
accepted	ESER	237950	Eunotia serra var. serra	Ehrenb.	1837	5.0	ADD 5 2014-	3	ADD 3 2014-	1	ADD 1 2014-	3	ADD 3 2014-	0		2
accepted	ESIL	262649	Eunotia silvahercynia	Nörpel, Van Sull & Lange-Bert.	1991	5.0		2		1		3		0		2
accepted	ESIO	262650	Eunotia siolii	Hust.	1952	4.5		2		1		3		0		2
accepted	ESOL	262651	Eunotia soleirolii	(Kütz.) Rabenh.	1864	5.0		3		1		3		0		3
accepted	EUNS	1010494	Eunotia sp.	Ehrenb.		5.0		1		1		3		0		2
accepted	ESUB	262653	Eunotia subarcuatoides	Alles, Nörpe & Lange-Bert.	1991	5.0		2		1		3		0		1
accepted	ESUD	262654	Eunotia sudetica	O.Müll.	1898	5.0		3		1		3		0		2
accepted	ETEN	262606	Eunotia tenella	(Grunow) Hust.	1913	5.0		1		1		3		0		2
accepted	ETET	262655	Eunotia tetraodon	Ehrenb.	1838	5.0		3		1		3		0		2
accepted	ETRI	262656	Eunotia tridentula	Ehrenb.		5.0		3		1		3		0		2
accepted	ETNC	262632	Eunotia trinacria	Krasske	1929	5.0		2		1		3		0		1
accepted	ETRD	262657	Eunotia triodon	Ehrenb.		5.0		3		1		3		0		2
accepted	ETRV	262658	Eunotia trivialiformis	Lange-Bert., Cavacini, Tagliaventi & Alfinito	2003	0.0		0		1		3		0		0
accepted	EURS	6006650	Eunotia ursamaioris	Lange-Bert. & Nörpel-Schempp	1999	5.0		1		1		3		0		2
accepted	EVAL	262659	Eunotia valida	Hust.	1930	4.0		2		1		3		0		2
accepted	EVUD	262660	Eunotia varioundulata	Nörpel & Lange-Bert.	1996	5.0		2	MOD 1>2 15	1		3		0		2
accepted	EVEN	262661	Eunotia veneris	(Kütz.) De Toni	1892	5.0		2		1		3		0		2
accepted	EZAS	257394	Eunotia zasuminensis	(Cabejsz.) Körner	1970	0.0		0		1		3		0		0
accepted	FCRY	237662	Fallacia cryptolyra	(C.Brockmann) Stickle & D.G.Mann	1990	2.0		3		4	**	1		0		0
accepted	FFOR	6006483	Fallacia forcipata	(Grev.) Stickle & D.G.Mann	1990	2.0		2		4		1		0		0
accepted	FAFR	6006484	Fallacia fracta	(Hust. ex Simonsen) D.G.Mann		0.0		0		4		1		0		0
accepted	FHEL	262662	Fallacia helenesis	(Schulz) D.G.Mann	1990	5.0		1		4		1		0		0
accepted	FINS	262663	Fallacia insociabilis	(Krasske) D.G.Mann	1990	3.0		2		4		1		0		3
accepted	FLEN	262664	Fallacia lenzii	(Hust.) Lange-Bert.	2004	4.0	MOD 5 > 4 2	1		4	**	1		0		4
accepted	FMOC	262665	Fallacia monoculata	(Hust.) D.G.Mann	1990	3.0		2		4		1		0		4
accepted	FPFO	6006485	Fallacia pseudoforcipata	(Hust.) D.G.Mann		2.0		2		4		1		1		0
accepted	FPYG	237663	Fallacia pygmaea	(Kütz.) A.J. Stickle & D.G. Mann	1990	2.0		3		4		1		0		5
accepted	FALS	1010456	Fallacia sp.	A.J. Stickle & D.G. Mann		0.0	** MOD 3,4-	0	** MOD 2>0	0	** MOD 4>0	0	** MOD 1>0	0	**	0
accepted	FSBH	237664	Fallacia subhamulata	(Grunow) D.G.Mann	1990	4.0	MOD > 4 200	1	MOD > 1 200	4		1		0		3
accepted	FTNR	262666	Fallacia tenera	(Hust.) D.G.Mann		3.0		2		4		1		0		5
accepted	FVTR	262332	Fallacia vitrea	(Østrup) D.G. Mann	1990	5.0		1		2	MOD 4>2 15	1		0		2
accepted	FSAP	262667	Fistulifera saprophila	(Lange-Bert. & Bonik) Lange-Bert.	1997	2.0		1		5		1		1	ADD 1 2009-	3
accepted	FACD	262668	Fragilaria acidoclinata	Lange-Bert. & Hoffmann	1993	5.0		1		2		1		0		2
accepted	FAPO	6006486	Fragilaria amphicephaloides	Lange-Bert.	2011	4.0		1		2		1	MOD 2>1 15	0		4
accepted	FARC	262670	Fragilaria arcus var. arcus	(Ehrenb.) Cleve	1898	5.0		2		1		3		0		4
accepted	FARE	262671	Fragilaria arcus var. recta	Cleve		5.0	ADD 5 2014-	3	ADD 3 2014-	0	MOD 2>0 15	0	MOD 1>0 15	0		0
accepted	FBIC	262672	Fragilaria bicapitata	Ant.Mayer	1917	5.0		2		2		1		0		3
accepted	FBID	262673	Fragilaria bidens	Heiberg	1863	5.0		1		4	MOD 2>4 15	1		0		4
accepted	FCPL	262674	Fragilaria capitellata	(Grunow) J.B. Petersen		4.0		1		2		2		0		3
accepted	FCAPsl	238013	Fragilaria capucina s.lat.			4.5		1		2		2		0		3
accepted	FCRP	262365	Fragilaria capucina ssp. rumpens	(Kütz.) Lange-Bert.	1991	4.0		1		2		1	MOD 2>1 15	0		3
accepted	FCAP	248644	Fragilaria capucina var. capucina	Desmazières	1825	4.5		1		2		2		0		3
accepted	FCSE	262677	Fragilaria capucina var. septentrionalis	(Østrup) Lange-Bert.		0.0		0		0	MOD 2>0 15	0	MOD 2>0 15	0		0
accepted	FCVA	256815	Fragilaria capucina var. vaucheriae	(Kütz.) Lange-Bert.	1980	3.4		1		4	MOD 3>4 15	2		0		4
accepted	FCSU	262678	Fragilaria cassubica	Witkowski & Lange-Bert.		2.0		2		2		1		0		4
accepted	FCRO	238014	Fragilaria crotonensis	Kitton	1869	4.0		1		0		0		0		4
accepted	FDEL	256820	Fragilaria delicatissima	(W. Sm.) Lange-Bert.	1981	4.0		1		4		1		0		3
accepted	FFAM	262680	Fragilaria famelica var. famelica	(Kütz.) Lange-Bert.	1980	4.0		1		4		1		0		4
accepted	FGRA	262682	Fragilaria gracilis	Østrup	1910	4.8		1		2		2		0		3
accepted	FHEI	238015	Fragilaria heidenii	Østrup	1910	2.6		2		2		1		0		4
accepted	FHEN	262681	Fragilaria henryi	Lange-Bert.	1999	4.0		1		4	MOD 2>4 15	1		0		4
accepted	FKAR	6006490	Fragilaria karelica	Mölder		0.0		0		2		1		0		0
accepted	FMES	262683	Fragilaria mesolepta	Rabenh.		4.5		1		2		2		0		4
accepted	FNAN	238004	Fragilaria nanana	Lange-Bert.	1991	5.0		2		2	MOD 4>2 15	1		0		3
accepted	FNNO	262686	Fragilaria nanoides	Lange-Bert.	1996	5.0		2		2		1		0		3
accepted	FNOP	262687	Fragilaria neoproducta	Lange-Bert.	1991	5.0		1		2		1		0		0
accepted	FNIT	238018	Fragilaria nitzschioides	Grunow	1881	5.0	ADD 5 2014-	2	ADD 2 2014-	2		1		0		0
accepted	FODD	262688	Fragilaria oldenburgioides	Lange-Bert.	1996	4.5		2		2		1		0		3
accepted	FPRU	6000081	Fragilaria pararumpens	Lange-Bert., G. Hofmann & Werum	2011	4.0		1		2		2		0		3
accepted	FPEM	262689	Fragilaria perminuta	(Grunow) Lange-Bert.		4.0		1		3	MOD 2>3 15	1	MOD 2>1 15	0		3
accepted	FPOL	262690	Fragilaria polonica	Witak & Lange-Bert.	1995	0.0		0		0	MOD 2>0 15	0	MOD 1>0 15	0		0
accepted	FQUA	262691	Fragilaria quadrata	(Hust.) Lange-Bert. & Metzeltin	1996	0.0		0		2		1		0		0
accepted	FRUM	262692	Fragilaria rumpens	(Kütz.) G.W.F. Carlson		4.0		1		3	MOD 2>3 15	1	MOD 2>1 15	0		3
accepted	FSDL	6006502	Fragilaria sandellii	Van de Vijver & Jarlman	2012	4.5		1		2		2		0		4
accepted	FRA1	6000080	Fragilaria sp. Iconogr. 2, Taf. 8:15-16			4.0		3		2		1		0		0
accepted	FRAS	1010522	Fragilaria sp.	Lyngb.		4.0		1	MOD 3>1 15	2		1		0		0
accepted	FSPN	262693	Fragilaria spinarum	Lange-Bert. & Metzeltin	1996	0.0		0		2		1		0		0
accepted	FTEN	256821	Fragilaria tenera	(W. Sm.) Lange-Bert.	1981	4.0		2		2	MOD 4>2 15	1		0		3
accepted	FVIR	262364	Fragilaria virescens	Ralfs	1843	5.0		2		2		1		0		3
accepted	FFCO	262695	Fragilariforma constricta	(Ehrenb.) D.M.Williams & Round	1988	5.0		2	**	2		1		0		2
accepted	FFLA	262696	Fragilariforma lata	(A.Cleve-Euler) Williams & Round		0.0		0		2		1		0		0
accepted	FPCY	237690	Fragilariopsis cylindrus	(Grunow) W.Krieg.	1954	2.5	ADD 2,5 201	3	ADD 3 2014-	4		1		0		0
accepted	FAMO	262697	Frustulia amosseana	Lange-Bert.	2000	5.0		3		1		2		0		0
accepted	FAPP	262698	Frustulia amphipleuroides	(Grunow) Cleve-Euler	1934	5.0		2		1		2		0		2
accepted	FCRS	262699	Frustulia crassinervia	(Bréb.) Lange-Bert. & Krammer	1996	5.0		2		1		2		0		1
accepted	FERI	262700	Frustulia erifuga	Lange-Bert. & Krammer	1996	5.0	MOD > 5 200	2	MOD > 2 200	1		2		0		2
accepted	FKRA	262701	Frustulia krammeri	Lange-Bert. & Metzeltin	1996	5.0	ADD 5 2009-	2	ADD 2 2009-	1		2		0		2
accepted	FQDS	262702	Frustulia quadrisinuata	Lange-Bert.	1996	5.0	ADD 5 2009-	2	ADD 2 2009-	1		2		0		2
accepted	FSAX	262703	Frustulia saxonica	Rabenh.	1851	5.0		3		1		2		0		1
accepted	FSEP	262704	Frustulia septentrionalis	Lange-Bert.	1996	0.0		0		1		2		0		0
accepted	FRSP	1010434	Frustulia sp.	Rabenh.		4.8		3		1		2		0		0
accepted	FVUL	237493	Frustulia vulgaris	(Thwaites) De Toni	1891	4.0		3		2	MOD 1>2 15	2		0		4
accepted	FWEI	262705	Frustulia weinholdii	Hust.	1937	4.0	* MOD 2009	3	* MOD 2009	2	MOD 1>2 15	2		0		3
accepted	GACC	262727	Geissleria acceptata	(Hust.) Lange-Bert. & Metzeltin	1996	4.5	** MOD > 4,	1	** MOD > 1	4		1		0		0
accepted	GCUW	6006503	Geissleria cummerowi	(Kalbe) Lange-Bert.	2001	4.5	ADD 5 2014-	1	ADD 2 2014-	4		1		0		0
accepted	GDCL	262728	Geissleria declivis	(Hust.) Lange-Bert.	1996	4.5	** MOD > 4,	1	** MOD > 1	4		1		0		0
accepted	GDEC	262729	Geissleria decussis	(Østrup) Lange-Bert. & Metzeltin	1996	4.5	MOD 5>4,5 1	2		4		1		0		4
accepted	GPAL	262730	Geissleria paludosa	(Hust.) Lange-Bert. & Metzeltin	1996	5.0		3		4		1		0		3
accepted	GSCN	6006511	Geissleria scaniae	Van de Vijver, Ector & Jarlman	2012	4.0		1		4		1		0		4

accepted	GSHO	262731	Geissleria schoenfeldii	(Hust.) Lange-Bert. & Metzeltin	1996	4.5	MOD 5>4,5 1	1	MOD 2>1 15	4		1		0		4
accepted	GSML	262732	Geissleria similis	(Krasske) Lange-Bert. & Metzeltin		4.0		1		4		1		0		0
accepted	GESP	1016159	Geissleria sp.	Lange-Bert. & Metzeltin		4.0	MOD 3>4 15	1	MOD 2>1 15	4		1		0		0
accepted	GADC	262734	Gomphonema acidoclinatum	Lange-Bert. & E.Reichardt	2004	4.2		1		2	MOD 3>2 15	1		0		3
accepted	GACU	237858	Gomphonema acuminatum	Ehrenb.	1832	4.0		2		3		1		0		4
accepted	GACT	6006512	Gomphonema acutiusculum	(O.Müll.) Cleve-Euler		3.0		1		3		1		0		0
accepted	GAFF	237859	Gomphonema affine	Kütz.		4.0		3		3	MOD 2>3 15	1		0		4
accepted	GANG	237860	Gomphonema angustatum	(Kütz.) Rabenh.	1864	3.0		1		4	MOD 1>4 15	2		0		3
accepted	GAGC	262735	Gomphonema angusticephalum	E.Reichardt & Lange-Bert.	1999	0.0		0		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	GAGV	6006513	Gomphonema angustivalva	E.Reichardt		5.0		1		3	add 3 150706	1	ADD 1 15070	0		0
accepted	GAQM	262736	Gomphonema aquaemineralis	Lange-Bert. & E.Reichardt		0.0		0		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	GAUG	237862	Gomphonema augur var. augur	Ehrenb.		3.0		3		4	MOD 3>4 15	1		0		4
accepted	GAUR	262739	Gomphonema auritum	A. Braun & Kütz.	1849	5.0		1		3		1		0		0
accepted	GBAV	262740	Gomphonema bavaricum	E.Reichardt & Lange-Bert.	1991	5.0		1		3		1		0		0
accepted	GBOZ	262741	Gomphonema bozenae	Lange-Bert. & E.Reichardt	1996	0.0		0		3		1		0		0
accepted	GBRE	262742	Gomphonema brebissonii	Kütz.	1849	4.5	*	3	*	3		1		0		0
accepted	GCLF	6006516	Gomphonema calcifugum	Lange-Bert. & E.Reichardt	1999	5.0		2		2	mod 5>2 150	1	MOD 2>1 15	0		3
accepted	GCAP	262743	Gomphonema capitatum	Ehrenb.	1838	4.0		1		4	MOD 3>4 15	1		0		0
accepted	GCAT	6006517	Gomphonema cathedrale	Lange-Bert. & E.Reichardt		0.0		0		0		0		0		0
accepted	GCVT	262744	Gomphonema clavatulum	E.Reichardt	1999	0.0		0		2		1		0		0
accepted	GCLA	262745	Gomphonema clavatum	Ehrenb.	1932	5.0		1	** MOD > 1	3		1		0		3
accepted	GCLE	262746	Gomphonema clevei	Fricke		5.0		3		3		1		0		0
accepted	GCOR	256770	Gomphonema coronatum	Ehrenb.	1840	5.0	MOD > 5 200	2		1	MOD 3>1 15	1		0		3
accepted	GCBC	262747	Gomphonema cymbelliclinum	E.Reichardt & Lange-Bert.	1999	3.8		2		4	MOD 3>4 15	1		0		4
accepted	GDIC	262749	Gomphonema dichotomum	Kütz.		5.0		2		3		1		0		4
accepted	GDRU	262750	Gomphonema drutelingense	E.Reichardt	1999	3.8		2		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	GDUP	262751	Gomphonema duplipunctatum	Lange-Bert. & E.Reichardt	1999	4.0		2		3		1		0		0
accepted	GENT	262752	Gomphonema entolejum	Østrup		5.0		3		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	GEXG	262754	Gomphonema exiguum var. exiguum	Kütz.	1844	2.0		2		3		1		0		0
accepted	GEMI	262755	Gomphonema exiguum var. minutissimum	Grunow		2.0		2		4	MOD 3>4 15	1		0		0
accepted	GEXL	262756	Gomphonema exilissimum	(Grunow) Lange-Bert. & E.Reichardt	1996	5.0		1		2	ADD 3 2009-	1	ADD 1 2009	0		3
accepted	GGTI	262738	Gomphonema gautieri	(Van Heurck) Lange-Bert. & Metzeltin	2009	3.0		3		4	MOD 3>4 15	1		0		0
accepted	GGRA	237865	Gomphonema gracile	Ehrenb.	1838	4.2		1		3		1		0		3
accepted	GGRAsl	262757	Gomphonema gracile s.lat.	Ehrenb.	1838	4.2		1		3		1		0		3
accepted	GHEB	262758	Gomphonema hebridense	W.Greg.	1854	5.0	MOD 4>5 15	1	MOD 2>1 15	2	MOD 3>2 15	1		0		3
accepted	GINN	262759	Gomphonema innocens	E.Reichardt	1999	0.0		0		3		1		0		0
accepted	GINS	262760	Gomphonema insigne	W.Greg.	1856	4.0		2		3		1		0		0
accepted	GISF	262761	Gomphonema insigniforme	E.Reichardt & Lange-Bert.	1999	0.0		0		3		1		0		0
accepted	GITP	262762	Gomphonema interpositum	E.Reichardt	1999	0.0		0		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	GJAD	6006518	Gomphonema jadwigiae	Lange-Bert. & E.Reichardt		5.0		1		3	ADD 3 15070	1	ADD 1 15070	0		0
accepted	GLAG	262763	Gomphonema lagerheimii	A. Cleve		4.0		2		3		1		0		0
accepted	GLAT	262764	Gomphonema lateripunctatum	E.Reichardt & Lange-Bert.	1991	5.0		3		1	MOD 3>1 15	1		0		4
accepted	GLIY	6006519	Gomphonema liyanlingae	Metzeltin & Lange-Bert.		0.0		0		0		0		0		0
accepted	GLGL	262765	Gomphonema longilineare	E.Reichardt	1999	0.0		0		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	GMIC	262766	Gomphonema micropus	Kütz.	1844	3.0		1		5		3		0		4
accepted	GMIS	262767	Gomphonema minusculum	Krasske	1932	5.0		1		3		1		0		0
accepted	GMIN	262768	Gomphonema minutum	(C.Agardh) C.Agardh	1931	4.0		1		4		2		0		3
accepted	GMSY	262770	Gomphonema minutum f. syriacum	Lange-Bert. & E.Reichardt		4.0		1		0	MOD 4>0 15	0	MOD 2>0 15	0		0
accepted	GMON	262771	Gomphonema montanum	Schum.	1867	5.0		1	MOD 2>1 15	3		1		0		3
accepted	GNAT	262772	Gomphonema nathorstii	Foged		0.0		0		0		0		0		0
accepted	GOCU	262773	Gomphonema occultum	E.Reichardt & Lange-Bert.	1991	5.0		1		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	GOLD	262775	Gomphonema olivaceoides	Hust.		4.5	MOD 5>4,5 1	1	** (base 2009	3	MOD 2>3 15	3		0		3
accepted	GOLI	237868	Gomphonema olivaceum	(Hornem.) Kütz.	1844	4.0	mod 4,6>4 15	1		5		2		0		5
accepted	GOPA	262777	Gomphonema pala	E.Reichardt	2001	4.0		1		2	MOD 3>2 15	1		0		0
accepted	GPLD	262778	Gomphonema paludosum	E.Reichardt	1999	0.0		0		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	GPRL	262779	Gomphonema parallelistriatum	Lange-Bert. & E.Reichardt	1993	0.0		0		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	GPVL	262780	Gomphonema parvulius	Lange-Bert. & E.Reichardt	1996	5.0		1		3		1		0		2
accepted	GPAR	262781	Gomphonema parvulum	(Kütz.) Kütz.	1849	2.0		1		5		3		1		3
accepted	GPAS	262782	Gomphonema parvulum f. saprophilum	Lange-Bert. & E.Reichardt	1993	2.0		1		5		3		1	MOD 0>1 15	3
accepted	GPRA	262783	Gomphonema pratense	Lange-Bert. & E.Reichardt	1999	0.0		0		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	GPRO	262784	Gomphonema productum	(Grunow) Lange-Bert. & E.Reichardt	1993	3.8		2		1		2		0		3
accepted	GPSA	262785	Gomphonema pseudoaugur	Lange-Bert.	1979	3.0		1		3		1		0		3
accepted	GPBO	262786	Gomphonema pseudobohemicum	Lange-Bert. & E.Reichardt	1996	5.0	ADD 5 2009-	1	ADD 1 2009-	3		1		0		2
accepted	GPTE	262787	Gomphonema pseudotenellum	Lange-Bert.	1985	5.0		1		3		1		0		0
accepted	GPUMsl	262789	Gomphonema pumilum s.lat.	(Grunow) E.Reichardt & Lange-Bert.		4.5	MOD > 4,5 2	1		3		1		0		4
accepted	GRHO	262790	Gomphonema rhombicum	Fricke	1904	5.0		3		3		1		0		0
accepted	GSAG	262791	Gomphonema sagitta	Schum.		5.0	MOD 4>5 15	1	MOD 3>1 15	1	MOD 3>1 15	1		0		3
accepted	GSAR	262792	Gomphonema sarcophagus	W.Greg.	1856	3.2		2		1		2		0		4
accepted	GOMS	1010479	Gomphonema sp.	Ehrenb.		3.6		2		3		1		0		0
accepted	GSPV	262793	Gomphonema sphenovertex	Lange-Bert. & E.Reichardt	1996	0.0		0		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	GSCL	262795	Gomphonema subclavatum	Grunow	1884	5.0		1	MOD 2>1 15	3		1		0		3
accepted	GSUB	262796	Gomphonema subtile	Ehrenb.		5.0	MOD 4>5 15	1	MOD 3>1 15	1	MOD 3>1 15	1		0		3
accepted	GTER	262797	Gomphonema tergistinum	Grunow	1902	4.0		3		3		1		0		4
accepted	GTRU	237870	Gomphonema truncatum	Ehrenb.		4.0		1		4	MOD 3>4 15	1		0		4
accepted	GUTA	262798	Gomphonema utae	Lange-Bert. & E.Reichardt	1999	4.5		2		3		1		0		0
accepted	GVRD	6006520	Gomphonema varioreduncum	Jüttner, Ector, E.Reichardt, Van de Vijver & Cox.	2013	5.0		1		3		1		0		3
accepted	GVEN	262799	Gomphonema ventricosum	W.Greg.	1856	4.0		2		3		1		0		0
accepted	GVIB	262800	Gomphonema vibrio	Ehrenb.	1843	4.3		3		2	MOD 3>2 15	1		0		4
accepted	GVBR	262801	Gomphonema vibrioides	E.Reichardt & Lange-Bert.	1991	4.3		3		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	GPLI	262802	Gomphosphenia lingulatiformis	(Lange-Bert. & E.Reichardt) Lange-Bert.		2.0		3		3		1		0		0
accepted	GPPS	1016162	Gomphosphenia sp.	Lange-Bert.		2.2		2		0		0		0		0
accepted	GPSM	6006521	Gomphosphenia stoermeri	Kociolek & E.W. Thomas	2009	0.0		0		3		1		0		4
accepted	GPTA	262804	Gomphosphenia tackei	(Hust.) Lange-Bert.		0.0		0		3		1		0		0
accepted	GOCE	237973	Grammatophora oceanica	Ehrenb.	1840	0.0		0		0		0		0		0
accepted	GYAC	237634	Gyrosigma acuminatum	(Kütz.) Rabenh.	1853	4.0		3		5		2		0		5
accepted	GYAT	237635	Gyrosigma attenuatum	(Kütz.) Rabenh.	1853	4.0		3		5		2		0		5
accepted	GOBS	237644	Gyrosigma obscurum	(W. Sm.) Griffith & Henfrey	1856	2.0		3		5		2		0		0
accepted	GYOB	237646	Gyrosigma obtusatum	(Sull. & Wormley) C.S.Boyer		2.8		3		5		2		0		4
accepted	GSCI	237643	Gyrosigma sciotoense	(Sullivan & Wormley) Cleve	1894	4.0		3		5		2		1	ADD 1 2015-	0
accepted	GYRS	1010452	Gyrosigma sp.	A. Hassall		3.9		3		5		2		0		0
accepted	GSPE	237647	Gyrosigma spencerii	(Quekett) Griffith & Henfrey	1856	4.0		3		5		2		0		0
accepted	HACO	237922	Halamphora coffeaeformis	(C.Agardh) Levkov		2.0		3		5		1		0		4
accepted	HDUS	6006302	Halamphora dusenii	(Brun) Levkov		0.0		0		3		1		0		0
accepted	HHOL	237926	Halamphora holsatica	(Hust.) Levkov		2.4		2		5		1		0		5
accepted	HLMO	262417	Halamphora montana	(Krasske) Levkov	2009	2.8		1		5		1		0		4
accepted	HOLI	262418	Halamphora oligotraphenta	(Lange-Bert.) Levkov	2009	5.0		1	MOD 2>1 15	5		1		0		0
accepted	HTHU	6006301	Halamphora thumensis	(A.Mayer) Levkov		5.0		2		5		1		0		5
accepted	HVEN	237935	Halamphora veneta	(Kütz.) Levkov	2009	1.0		2		5		1		1	ADD 1 15092	5
accepted	HABU	262812	Hantzschia abundans	Lange-Bert.	1993	0.0	MOD 1,2>0 1	0	MOD 2>0 15	0	MOD 5>0 15	0	MOD 1>0 15	0		3
accepted	HAMP	237757	Hantzschia amphioxys	(Ehrenb.) Grunow	1880	1.5		3		5		1		0		3
accepted	HSUB	6006527	Hantzschia subrupestris	Lange-Bert.	1993	0.0		0		5		1		0		0
accepted	HCAP	237547	Hippodonta capitata	(Ehrenb.) Lange-Bert., Metzeltin & Witkowski	1996	4.0		1		5	MOD 4>5 15	1		0		4
accepted	HCOS	237552	Hippodonta costulata	(Grunow) Lange-Bert., Metzeltin & Witkowski	1996	4.0		2		4		1		0		4
accepted	HCOX	262813	Hippodonta coxiae	Lange-Bert.	2001	4.3		2		4		1		0		4
accepted	HHUN	248635	Hippodonta hungarica	(Grunow) Lange-Bert. Metzeltin & Witkowski	1996	4.0		1		5	** MOD 4>5	1		0		4

accepted	HLUE	262814	Hippodonta lueneburgensis	(Grunow) Lange-Bert. Metzeltin & Witkowski	1996	4.0		2		4		1		0		0
accepted	HOLO	6006528	Hippodonta olofjarlmannii	Van de Vijver & Jarlman	2012	4.0		1		4		1		0		4
accepted	HPPI	6006530	Hippodonta pseudopinnularia	Lange-Bert.		4.3		2		4		1		0		0
accepted	HIPS	1016164	Hippodonta sp.	Lange-Bert. et al.		4.0		1		4		1		0		0
accepted	HISU	262815	Hippodonta subcostulata	(Hust.) Lange-Bert., Metzeltin & Witkowski	1996	4.0		1		4		1		0		0
accepted	HYBA	262816	Hygropetra balfouriana	(Grunow & Cleve) Krammer & Lange-Bert.		4.0	* (för HYBA	2	* (för HYBA	1		3		0		0
accepted	KAKO	262215	Karaveya kolbei	(Hust.) Bukht.		4.0		1		4		2		0		0
accepted	KAAM	262817	Karayevia amoena	(Hust.) Bukht.		4.0		1		4	(OBS, KAM(	1	MOD > 1 20	0		0
accepted	KBOT	262819	Karayevia bottnica	(Cleve) Lange-Bert.		3.1		1		4		2		0		4
accepted	KCLE	237766	Karayevia clevei	(Grunow) Round & Bukht.	1996	4.0		2		4		2		0		4
accepted	KALA	262820	Karayevia laterostrata	(Hust.) Round & Bukht.	1996	4.5	MOD > 4,5 2	1	MOD > 1 20(	4		2		0		3
accepted	KNIT	262821	Karayevia nitidiformis	(Lange-Bert.) Bukht.		0.0		0		0	MOD 3>0 15	0	MOD 1>0 15	0		0
accepted	KOBG	237781	Karayevia oblongella	(Østrup) M.Aboal	2003	4.5		1		2	MOD 1>2 15	2		0		3
accepted	KAPL	262373	Karayevia ploenensis	(Hust.) Bukht.	1999	4.0		1		4	MOD 5>4 15	1	Mod 2>1 150	0		4
accepted	KASU	237789	Karayevia suchlandtii	(Hust.) Bukht.		4.5		1		4		2		0		3
accepted	KOJA	6006536	Kobayasiella jaagii	(Meister) Lange-Bert.		5.0		3		4		1		0		0
accepted	KOMI	262823	Kobayasiella micropunctata	(Germain) Lange-Bert.	1999	5.0		1	** MOD 2>1	2	MOD 4>2 15	1		0		1
accepted	KOPA	262824	Kobayasiella parasubtilissima	(Kobayasi & Nagumo) Lange-Bert.	1999	5.0	ADD 5 2014-	1	ADD 1 2014-	2	MOD 4>2 15	1		0		2
accepted	KOPS	262825	Kobayasiella pseudostauron	(Lange-Bert.) Lange-Bert.		5.0	ADD 5 15070	1	ADD 1 15070	2	mod 4>2 150	1		0		0
accepted	KOSU	237598	Kobayasiella subtilissima	(Cleve) Lange-Bert.	1999	5.0		2		2	mod 4>2 150	1		0		1
accepted	LHUN	237772	Lemnicola hungarica	(Grunow) Round & Basson	1997	2.0		3		3		1		0		4
accepted	LACD	262827	Luticola acidoclinata	Lange-Bert.	1996	5.0		1		5		2		0		0
accepted	LCOH	262319	Luticola cohnii	(Hilse) D.G. Mann	1990	2.0		2		5		2		0		0
accepted	LDIS	262828	Luticola dismutica	(Hust.) D.G. Mann	1990	3.0		2		5		2		0		3
accepted	LGOE	262829	Luticola goeppertiana	(Bleisch) D.G.Mann	1990	2.0		2		5		2		1	MOD 0>1 15	4
accepted	LMUT	237513	Luticola mutica	(Kütz.) D.G.Mann	1990	2.0		2		5		2		0		3
accepted	LMTP	262351	Luticola muticopsis	(Van Heurck) D.G. Mann	1990	2.8	ADD 2 ,8 201	2	ADD 2 2014-	4		1		0		0
accepted	LNIV	237514	Luticola nivalis	(Ehrenb.) D.G. Mann	1990	0.0	MOD 5>0 15	0	MOD 3>0 15	0	MOD 5>0 15	0	MOD 5>0 15	0		0
accepted	LPAR	262830	Luticola paramutica	(Bock) D.G.Mann	1990	0.0	MOD 5>0 15	0	MOD 2>0 15	0	MOD 5>0 15	0	MOD 2>0 15	0		0
accepted	LUSP	1010442	Luticola sp.	D.G.Mann		2.9		2		5		2		0		0
accepted	LVCF	6006539	Luticola ventriconfusa	Lange-Bert.		2.0		3		5		2		0		0
accepted	LVEN	262831	Luticola ventricosa	(Kütz.) D.G.Mann	1990	2.0		3		5		2		0		3
accepted	MELL	237809	Mastogloia elliptica	(C.Agardh) Cleve		0.0		0		0	ADD 5 2014-	0	ADD 1 2014-	0		4
accepted	MGRE	6006541	Mastogloia grevillei	W.M. Smith		0.0		0		0		0		0		4
accepted	MLAC	262833	Mastogloia lacustris	(Grunow) van Heurck	1880	5.0		2		2	MOD 1,5 >2	1	MOD 3>1 15	0		4
accepted	MSMI	248638	Mastogloia smithii var. smithii	Thwaites ex W.Sm.	1848	2.6		3		4	ADD 2 2014-	1	ADD 1 2014-	0		4
accepted	MASP	1010471	Mastogloia sp.	Thwaites ex W.Sm.		3.0		1	MOD 2>1 15	0	ADD 1 2014-	0	ADD 1 2014-	0		0
accepted	MAGR	262835	Mayamaea agrestis	(Hust.) Lange-Bert.	2001	3.0	** MOD 4>3	1	**	5		1		0	ADD 1 2009-	3
accepted	MAAL	262837	Mayamaea atomus var. alcimonica	E.Reichardt	1997	4.0		1		5		1		1		0
accepted	MAAT	237545	Mayamaea atomus var. atomus	(Kütz.) Lange-Bert.	1997	2.2		1		5		1		1		4
accepted	MAPE	262838	Mayamaea atomus var. permitis	(Hust.) Lange-Bert.		2.3		1		5		1		1		4
accepted	MAEX	262839	Mayamaea excelsa	(Krasske) Lange-Bert.	1997	3.0		1		5		1		1		3
accepted	MAFO	262841	Mayamaea fossalis var. fossalis	(Krasske) Lange-Bert.		3.0		2		5		1		0		3
accepted	MFOB	262842	Mayamaea fossalis var. obsidialis	(Hust.) Lange-Bert.	1997	5.0		1		5		1		0		3
accepted	MFSL	262333	Mayamaea fossaloides	(Hust.) Lange-Bert.	1997	0.0		0		0	ADD 5 2014-	0	ADD 1 2014-	0		0
accepted	MAYA	1016143	Mayamaea sp.	Lange-Bert.		3.0	MOD 0>3 15	1	MOD 0>1 15	5		1		0		0
accepted	MLIN	237440	Melosira lineata	(Dillwyn) C.Agardh	1824	2.0		3		0		0		0		4
accepted	MMON	237441	Melosira moniliformis	(O.F.Müll.) C.Agardh	1824	2.5		2		0		0		0		5
accepted	MNUM	237442	Melosira nummuloides	C.Agardh	1824	2.0		3		0		0		0		0
accepted	MELS	1010409	Melosira sp.	C.Agardh		3.5		2		0		0		0		0
accepted	MUNO	262848	Melosira undulata var. nomanii	Arnott	1882	2.0		3		0		0		0		0
accepted	MUND	237444	Melosira undulata var. undulata	(Ehrenb.) Kütz.	1844	2.0		3		0		0		0		0
accepted	MVAR	237445	Melosira varians	C.Agardh	1849	4.0		1		5	MOD 4>5 15	2		0		4
accepted	MCIR	248637	Meridion circulare var. circulare	(Grev.) C.Agardh	1831	4.2	MOD > 4,2 2	1	** (base2009	3	MOD 2>3 15	3		0		4
accepted	MCCO	262849	Meridion circulare var. constrictum	(Ralfs) Van Heurck	1880	4.5	MOD from 5	1	** (base2009	2		3		0		4
accepted	MERS	1010521	Meridion sp.	C.Agardh		4.5	MOD 5>4,5 1	1		2		3		0		0
accepted	MDSL	6006542	Microcostatus deslooveri	Iserentant & Van de Vijver		0.0		0		0		0		0		0
accepted	MKRA	237568	Microcostatus krasskei	(Hust.) J.R.Johans. & Sray		5.0		2		4		1		0		2
accepted	MMAC	262851	Microcostatus maceria	(Schim.) Lange-Bert., Kusber & Metzeltin	2001	5.0	ADD 5 2009-	1	ADD 1 2009-	2	mod 4>2 150	1		0		2
accepted	MNAU	262853	Microcostatus naumannii	(Hust.) Lange-Bert.	1999	5.0	**	2	**	2	mod 4>2 150	1		0		0
accepted	MCCT	1016170	Microcostatus sp.	J.R.Johans. & Sray		5.0	MOD 0>5 15	1	MOD 0>1 15	0		0		0		0
accepted	MUGI	6006544	Muelleria gibbula	(Cleve) Spauld. & Stoermer		4.9		2		4		1		0		3
accepted	NABO	262303	Navicula aboensis	(Cleve) Hust.		4.0		3		4		1		0		0
accepted	NAAM	262304	Navicula amphiceropsis	Lange-Bert. & Rumrich	2000	3.0		3		5	MOD 4>5 15	1		0		4
accepted	NAAN	262305	Navicula angusta	Grunow	1860	5.0		3		2	MOD 4>2 15	1		0		2
accepted	NANT	262306	Navicula antonii	Lange-Bert.	2000	4.0		1		4		1		0		4
accepted	NXAN	262357	Navicula antonioides	Van de Vijver, Jarlman & Lange-Bert.	2010	4.0	* ADD 2010-	1	* ADD 2010-	4	* ADD 2010-	1	* ADD 2010-	0		4
accepted	NATV	6006550	Navicula antverpiensis	Van de Vijver & Lange-Bert.		0.0		0		4		1		0		0
accepted	NAQR	262307	Navicula aquaedurae	Lange-Bert.	1993	5.0		1		4		1		0		0
accepted	NATT	262308	Navicula arctotenelloides	Lange-Bert. & Metzeltin	1996	5.0	ADD 5 2009-	1	ADD 1 2009-	0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NARV	262311	Navicula arvensis var. arvensis	Hust.	1936	3.0		1		0	MOD 5>0 15	0	MOD 1>0 15	1		3
accepted	NXAS	262312	Navicula associata	Lange-Bert.	2001	3.0		1		5		2		0		0
accepted	NCPR	262314	Navicula capitatoradiata	H.Germ.	1982	3.0		2		4	MOD 3>4 15	2		0		4
accepted	NCAR	237548	Navicula cari	Ehrenb.	1836	4.0		3		4		1		0		0
accepted	NCCC	6006561	Navicula cariocincta	Lange-Bert.		5.0		1		0		0		0		0
accepted	NCAT	262315	Navicula catalanogermanica	Lange-Bert. & G.Hofm.	1993	4.8		2		4		1		0		5
accepted	NCTV	262316	Navicula caterva	M.H.Hohn & Hellerman	1963	3.0		1		4		1		0		4
accepted	NCEC	262362	Navicula ceciliae	Van de Vijver, Jarlman & Lange-Bert.	2010	5.0	* ADD 2010-	1	* ADD 2010-	0	* ADD 2010-	0	* ADD 2010-	0		3
accepted	NCIN	237549	Navicula cincta	(Ehrenb.) Ralfs	1861	3.0		1		4		1		0		4
accepted	NCRY	237554	Navicula cryptocephala	Kütz.	1844	3.5		2		4		1		0		3
accepted	NCTE	237555	Navicula cryptotenella	Lange-Bert.	1985	4.0		1		5		2		0		4
accepted	NCTO	262321	Navicula cryptotenelloides	Lange-Bert.	1993	3.5		1		3	MOD 4>3 15	1		0		4
accepted	NDSL	262325	Navicula densilineolata	(Lange-Bert.) Lange-Bert.	1993	5.0		2		1	mod 4>1 150	1		0		4
accepted	NDET	262326	Navicula detenta	Hust.	1943	5.0	ADD 5 2014-	1	ADD 1 2014-	2	mod 4>2 150	1		0		0
accepted	NDIF	262327	Navicula difficillima	Hust.		5.0		1		3	MOD 5>3 15	1		0	MOD 1 > 0	2
accepted	NDGC	262328	Navicula digitoconvergens	Lange-Bert.	1996	3.0	ADD 3 2014-	1	ADD 1 2014-	4		1		0		0
accepted	NDIL	262329	Navicula diluviana	Krasske	1933	5.0		3		2	MOD 4>2 15	1		0		0
accepted	NERI	237560	Navicula erifuga	Lange-Bert.		2.0		3		4		1		0		4
accepted	NESC	262361	Navicula escambia	(R.M.Patrick) Metzeltin & Lange-Bert.	2007	2.8		2		4		1		0		4
accepted	NEXI	262330	Navicula exilis	Kütz.		4.8		2		4		1		0		0
accepted	NFAR	262331	Navicula farta	Hust.		0.0		0		4		1		0		0
accepted	NGER	262334	Navicula germainii	J.H.Wallace	1960	3.0		2		4		1		0		4
accepted	NGBU	262335	Navicula globulifera	Hust.	1927	5.0		2		4		1		0		0
accepted	NGOT	262336	Navicula gottlandica	Grunow	1857	5.0		2		4		1		0		0
accepted	NGRE	237564	Navicula gregaria	Donkin	1861	3.4		1		5		1		1		4
accepted	NHAM	6006573	Navicula hambergii	Hust.		4.0		1		4		1		0		2
accepted	NHRD	6006562	Navicula harderi	Hust.		3.1		1		5		1		1		0
accepted	NHMD	262337	Navicula heimansioides	Lange-Bert.	1993	5.0		2		2	MOD 4>2 15	1		0		2
accepted	NHOF	262338	Navicula hofmanniae	Lange-Bert.	1993	0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NING	262339	Navicula ingenua	Hust.		2.5		1		5		1		0		0
accepted	NITG	262340	Navicula integra	(W. Sm.) Ralfs		3.0		3		4		1		0		3
accepted	NIRN	262360	Navicula ireneae	Van de Vijver, Jarlman & Lange-Bert.	2010	4.0	* ADD 2010-	1	* ADD 2010-	4	* ADD 2010-	1	* ADD 2010-	0		4
accepted	NIGD	262341	Navicula irmengardis	Lange-Bert.	1996	0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NJEN	237566	Navicula jentzschii	Grunow		4.8	ADD 4,8 201	1	ADD 1 2014-	4		1		0		0
accepted	NKOH	262342	Navicula kohlmaieri	Lange-Bert.		0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		0

accepted	NKOT	237567	Navicula kotschyi	Grunow	1860	3.0		3		4		1		0		0
accepted	NLCM	6006563	Navicula lacuum	Lange-Bert., Hofmann, Werum & Van de Vijver	2009	0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NLAN	237569	Navicula lanceolata	(C.Agardh) Ehrenb.	1838	3.8		1		5		2		1		4
accepted	NLTC	262343	Navicula laticeps	Hust.		0.0		0		4		1		0		0
accepted	NLST	262344	Navicula leptostriata	E.G.Jørg.	1948	5.0		2		2	MOD 4>2 15	1		0		2
accepted	NLIB	6006565	Navicula libonensis	Schoeman	1970	3.0		2		4		1		0		0
accepted	NLGC	262345	Navicula longicephala	Hust.	1944	4.5		2		4		1		0		0
accepted	NLUN	262346	Navicula lundii	E.Reichardt	1988	4.8		2		4		1		0		4
accepted	NMGL	262347	Navicula margalithii	Lange-Bert.		2.0		3		4		1		0		0
accepted	NMCV	262348	Navicula medioconvexa	Hust.	1961	3.0		1		4		1		0		3
accepted	NMEN	237574	Navicula menisculus	Schum.		4.0		1		5		2		0		4
accepted	NMCA	262349	Navicula microcari	Lange-Bert.		4.0		1		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NMOD	6006566	Navicula modica	Hust.		4.0		2		4		1		0		4
accepted	NMOK	262350	Navicula moskalii	Metzeltin, Witkowski & Lange-Bert.	1996	3.0	ADD 3 2014-	1	ADD 1 2014-	5	mod 4>5 150	1		0		0
accepted	NMUR	6006652	Navicula muralis	Grunow sensu Hust.		3.0		1		5		1		0		4
accepted	NNAM	262352	Navicula namibica	Lange-Bert. & Rumrich	1993	0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		3
accepted	NNMU	262913	Navicula neomundana	(Lange-Bert. & Rumrich) Lange-Bert., Jarlman & \	2009	3.0		1		4		1		0		0
accepted	NNOT	6000082	Navicula notha	J.H.Wallace	1960	4.8		1		4		1		0		2
accepted	NOBD	262857	Navicula obdurata	M.H.Hohn & Hellerman		0.0		0		4		1		0		0
accepted	NAOB	262858	Navicula obsoleta	Hust.	1942	4.0		1		5		1		1		0
accepted	NOCU	262859	Navicula occulta	Krasske		4.2		1		4		1		0		0
accepted	NOLI	6006567	Navicula oligotraphenta	Lange-Bert. & G.Hofm.		4.0		3		0		0		0		0
accepted	NOPP	262860	Navicula opportuna	Hust.	1950	4.7	MOD 5>4,7 1	1	MOD 3>1 15	3	MOD 4>3 15	1		0		0
accepted	NOPU	262861	Navicula oppugnata	Hust.	1945	4.0	MOD 141205	1	MOD 141205	4		1		0		4
accepted	NPNU	237584	Navicula perminuta	Grunow	1880	2.0		2		4		1		0		5
accepted	NPHY	237585	Navicula phyllepta	Kütz.	1844	2.6		3		4		1		0		5
accepted	NPHP	262865	Navicula phylleptosoma	Lange-Bert.	1999	0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NPRA	262866	Navicula praeterita	Hust.	1945	5.0		1		4		1		0		0
accepted	NPBY	262867	Navicula pseudobryophila	Hust.	1942	5.0	ADD 5 2014-	1	ADD 1 2014-	2	mod 4>2 150	1		0		0
accepted	NPSL	262868	Navicula pseudolanceolata	Lange-Bert.	1980	5.0		2		2	mod 4>2 150	1		0		2
accepted	NPTE	262869	Navicula pseudotenelloides	Krasske	1999	0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		4
accepted	NPRE	263750	Navicula pupula var. rectangularis	(W.Greg.) Cleve & Grunow	1880	4.0		2		4	MOD 5>4 15	1		0		3
accepted	NPUS	262872	Navicula pusilla	W.Sm.	1853	5.0		3		4		1		0		3
accepted	NRAD	237589	Navicula radiosa	Kütz.	1844	5.0		1	mod 2>1 150	2	MOD 4>2 15	1		0		3
accepted	NRFA	262874	Navicula radiosafallax	Lange-Bert.	1993	5.0		2		3	MOD 4>3 15	3	MOD 1>3 15	0		3
accepted	NRDI	262875	Navicula radiosiola	Lange-Bert.	1993	0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NRCS	262876	Navicula recens	(Lange-Bert.) Lange-Bert.	1985	2.8		2		4		1		0		4
accepted	NRCH	262877	Navicula reichardtiana	Lange-Bert.	1989	3.6		1		5		2		0		4
accepted	NREI	237590	Navicula reinhardtii	(Grunow) Grunow	1877	4.5	MOD 5>4,5 1	1	MOD 3>1 15	4		1		0		5
accepted	NRHY	237591	Navicula rhynchocephala	Kütz.	1844	4.0		3		4		1		0		4
accepted	NRHT	262878	Navicula rhynchotella	Lange-Bert.	1993	3.0		2		5	mod 4>5 150	1		0		4
accepted	NROS	262879	Navicula rostellata	Kütz.		3.0		3		4		1		0		4
accepted	NRTD	262880	Navicula rotunda	Hust.	1945	4.0	MOD 2>4 15	1	MOD 2>1 15	3	MOD 4>3 15	1		0		4
accepted	NSAL	237592	Navicula salinarum	Grunow		2.6		2		5	MOD 4>5 20	1		0		3
accepted	NSLC	6006569	Navicula salinicola	Hust.	1939	2.0		2		4		1		0		0
accepted	NSNE	262359	Navicula scaniae	Van de Vijver, Jarlman & Lange-Bert.	2010	4.0	* ADD 2010-	1	* ADD 2010-	4	* ADD 2010-	1	* ADD 2010-	0		4
accepted	NSHD	262882	Navicula schadei	Krasske	1929	4.1		1		4		1		0		3
accepted	NSMM	262883	Navicula schmassmannii	Hust.		4.5	MOD 5>4,5 1	1	** (base2009	3	mod 4>3 150	1		0		3
accepted	NSHR	262885	Navicula schroeteri	Meister	1932	2.8		3		4		1		0		4
accepted	NSEO	6006570	Navicula seminuloides	Hust.		3.0		1		5		1		0		4
accepted	NSLE	262888	Navicula slesvicensis	Grunow	1860	3.0		3		5	MOD 4>5 20	1		0		4
accepted	NAS1	6000085	Navicula sp. SWF 2/4 Taf. 30:32-35			3.4		2		4		1		0		0
accepted	NASP	1010447	Navicula sp.	Bory		3.4		2		4		1		0		0
accepted	NSPI	262889	Navicula spicula	(Hickie) Cleve		2.8	ADD 2,8 201	3	ADD 3 2014-	4		1		1	ADD 1 2014-	0
accepted	NSCK	262890	Navicula streckerae	Lange-Bert. & Witkowski	2000	0.0		0		4		1		0		0
accepted	NSTL	237597	Navicula striolata	(Grunow) Lange-Bert.	1986	5.0		3		4		1		0		5
accepted	NSBN	262892	Navicula subalpina	E.Reichardt	1988	4.5	ADD 4,5 200	1	ADD 1 2009-	4		1		0		4
accepted	NSCS	262893	Navicula subcostulata	Hust.	1934	0.0		0		4		1		0		2
accepted	NSMU	262894	Navicula submuralis	Hust.	1945	2.9		1		5		1		0		0
accepted	NASM	262358	Navicula suecicarum	Van de Vijver, Jarlman & Lange-Bert.	2009	0.0	* ADD 2010-	0	* ADD 2010-	0	* ADD 2010-	0	* ADD 2010-	0		0
accepted	NSYM	262897	Navicula symmetrica	R.M.Patrick		3.0		2		4		1		0		4
accepted	NTEN	262899	Navicula tenelloides	Hust.	1937	3.0		2		5	MOD 4>5 20	1		0		4
accepted	NTRI	262900	Navicula tridentula	Krasske	1923	5.0		3		1	mod 5>1 150	1		0	MOD 1 > 0 1	2
accepted	NTPT	237600	Navicula tripunctata	(O.F.Müll.) Bory	1822	4.4		2		5	MOD 4>5 20	2		0		4
accepted	NTRV	262901	Navicula trivialis	Lange-Bert.	1980	2.0		3		4		1		0		4
accepted	NTCX	262902	Navicula trophicatrix	Lange-Bert.	1996	3.5		1		4		1		0		4
accepted	NULT	262903	Navicula ultratenelloides	Lange-Bert.		0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NUSA	262904	Navicula upsaliensis	(Grunow) Peragallo	1903	4.0	MOD > 4 200	2		4	**	1	**	0		4
accepted	NVDM	262907	Navicula vandamii var. mertensiae	Lange-Bert.	2000	3.0		1		4		1		0		4
accepted	NVDA	262906	Navicula vandamii var. vandamii	Schoeman & Archibald	1987	3.0		1		4		1		0		4
accepted	NVNB	262908	Navicula venerablis	M.H.Hohn & Hellerman		5.0	ADD 5 2014-	2	ADD 2 2014-	1	MOD 4>1 15	3	MOD 1>3 15	0		0
accepted	NVEN	237603	Navicula veneta	Kütz.	1844	1.0		2		5	MOD 4>5 15	1		0		4
accepted	NVIP	262910	Navicula vilaplanii	(Lange-Bert. & Sabater) Lange-Bert. & Sabater	2000	2.9		1		4		1		0		0
accepted	NVIL	262909	Navicula viridula var. linearis	Hust.		3.0		1		4		1		0		0
accepted	NVIR	248632	Navicula viridula var. viridula	(Kütz.) Ehrenb.	1836	3.0		3		4		1		0		4
accepted	NVCC	262912	Navicula viridulacalcis var. viridulacalcis	Lange-Bert.	2000	5.0		1		4		1		0		0
accepted	NVUL	237607	Navicula vulpina	Kütz.	1844	5.0		3		4		1		0		4
accepted	NWIE	262914	Navicula wiesneri	Lange-Bert.	1993	3.0		1		4		1		0		4
accepted	NWIL	262915	Navicula wildii	Lange-Bert.		0.0		0		0		0		0		4
accepted	NWYG	262916	Navicula wygaschi	Lange-Bert.	2001	0.0		0		4		1		0		0
accepted	NDAB	262917	Naviculadicta absoluta	(Hust.) Lange-Bert.		4.0	*	1	*	4		1		0		3
accepted	NDCM	262310	Naviculadicta cosmopolitana	Lange-Bert.		2.0		1		5		1		0		0
accepted	NDGU	262918	Naviculadicta digitulus	(Hust.) Lange-Bert.	1996	5.0	MOD 2>5 15	1	MOD 3>1 15	4		1		0		0
accepted	NDTE	6006571	Naviculadicta elaphros	(M.H.Hohn & Hellerman) Lange-Bert. & Metzelti	1996	0.0	MOD 5>0 15	0	MOD 1>0 15	0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NELO	262919	Naviculadicta elorantana	Lange-Bert.	1996	0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NDGE	6006572	Naviculadicta geisslerae	(R.Jahn) R.Jahn		0.0		0		0		0		0		0
accepted	NVD5	6000086	Naviculadicta Iconogr. 2, Taf. 104:33-36			5.0		1		4		1		0		0
accepted	NVD1	6000087	Naviculadicta Iconogr. 2, Taf. 27:17-18			4.7	ADD 5 2009-	1	ADD 1 2009-	4		1		0		3
accepted	NVD3	6000088	Naviculadicta Iconogr. 2, Taf. 28:21-23			5.0	ADD 5 2009-	1	ADD 1 2009-	2	mod 4>2 150	1		0		0
accepted	NVD4	6000089	Naviculadicta Iconogr. 2, Taf. 28:37-39													
accepted	NVD2	6000090	Naviculadicta Iconogr. 2, Taf. 28:6-9			5.0	ADD 5 2009-	1	ADD 1 2009-	2	mod 4>2 150	1		0		0
accepted	NVDL	237571	Naviculadicta laterostrata	(Hust.) Lange-Bert. & Metzeltin		4.0		2		4		1		0		4
accepted	NVDI	262920	Naviculadicta litos	(M.H.Hohn & Hellerman) Lange-Bert.		5.0	ADD 5 2009-	1	ADD 1 2009-	2	mod 4>2 150	1		0		0
accepted	NDMU	262923	Naviculadicta multiconfusa	Lange-Bert.		0.0		0		3	MOD 4>3 15	1		0		0
accepted	NDPV	262924	Naviculadicta pseudoventralis	(Hust.) Lange-Bert.	1994	4.0		1		4		1		0		4
accepted	NRAE	262926	Naviculadicta raederiae	Lange-Bert.	1996	0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NDSP	1016172	Naviculadicta sp.	Lange-Bert.		3.4		2		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NDSN	262927	Naviculadicta stauroneioides	Lange-Bert.	1996	5.0		1		2	mod 4>2 150	1		0		0
accepted	NVD6	6000091	Naviculadicta SWF 1, Taf. 80:4-6													
accepted	NVUM	262930	Naviculadicta umbra	M.H.Hohn & Hellerman		5.0		1		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NDVA	237602	Naviculadicta vaucheriae	(J.B.Petersen) Lange-Bert.		2.0		1		5		1		0		0
accepted	NGCA	262938	Navigiolum canoris	(M.H.Hohn & Hellerman) Lange-Bert.		3.0		1		5	MOD 4>5 20	1		0		0
accepted	NEAF	237608	Neidium affine var. affine	(Ehrenb.) Pfitzer	1871	4.0		3		2		3		0		3
accepted	NALP	262947	Neidium alpinum	Hust.	1943	5.0		2		2		3		0		2
accepted	NEAM	262948	Neidium ampliatum	(Ehrenb.) Krammer	1985	5.0		1	mod 3>1 150	2		3		0		3

accepted	NEBE	262949	Neidium bergii	(Cleve-Euler) Krammer	1985	5.0		3		2		3		0		0
accepted	NBNF	262950	Neidium binodeforme	Krammer		4.0		2		2		3		0		0
accepted	NBIS	262951	Neidium bisulcatum	(Lagerst.) Cleve	1894	5.0		2		2		3		0		3
accepted	NDSS	262952	Neidium densestriatum	(Østrup) Krammer	1985	5.0		3		2		3		0		1
accepted	NEDU	237610	Neidium dubium	(Ehrenb.) Cleve		4.0		2		2		3		0		3
accepted	NEHC	262953	Neidium hercynicum	Ant.Mayer	1917	5.0		1		1	MOD 2>1 15	3		0		2
accepted	NEHI	6006574	Neidium hitchcockii	(Ehrenb.) Cleve		0.0		0		2		3		0		0
accepted	NIRI	237611	Neidium iridis	(Ehrenb.) Cleve		5.0		2		2		3		0		3
accepted	NLAD	6006575	Neidium ladogensis	(Cleve) Foged		4.0		2		2		3		0		0
accepted	NLGI	262946	Neidium longiceps	(W.Greg.) R.Ross	1947	4.0		3		2		3		0		2
accepted	NEMI	6006577	Neidium minutissimum	Krasske		0.0		0		2		3		0		0
accepted	NEPO	262954	Neidium perforatum	Schimanski	1973	0.0		0		2		3		0		
accepted	NEPR	237612	Neidium productum	(W.Sm.) Cleve	1894	4.0		2		2		3		0		2
accepted	NESE	262955	Neidium septentrionale	Cleve-Euler	1939	5.0		2		2		3		0		0
accepted	NESP	1010448	Neidium sp.	Pfitzer		4.5	MOD FROM	1	MOD FROM	2		3		0		0
accepted	NZCD	262956	Nitzschia acicularioides	Hust.	1959	3.0		2		4		1		1		3
accepted	NACI	237709	Nitzschia acicularis	(Kütz.) W.Sm.	1856	2.0		2		4		1		0		4
accepted	NACD	262957	Nitzschia acidoclinata	Lange-Bert.	1988	5.0		1	** (base2009	2	MOD 4>2 15	1		0	** (changed f	3
accepted	NACU	237710	Nitzschia acula	Hantzsch ex Cleve & Grunow		4.0		3		4		2	MOD 1>2 15	0		4
accepted	NZAD	263051	Nitzschia adamata	Hust.	1957	2.8		2		4		1		1		4
accepted	NAGN	262958	Nitzschia agnita	Hust.	1957	3.2		1		4		1		1		4
accepted	NZAL	262959	Nitzschia alpina	Hust.	1943	5.0		2		2	mod 4>2 150	1		0	** (changed f	3
accepted	NAPB	262960	Nitzschia alpinobacillum	Lange-Bert.		0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NAMP	237711	Nitzschia amphibia	Grunow	1862	2.0		2		5		3		0		4
accepted	NAFR	6006578	Nitzschia amphibia f. frauenfeldii	(Grunow) Lange-Bert.		2.0		2		5		3		0		4
accepted	NZAG	262961	Nitzschia angustatula	Lange-Bert.	1987	4.0		1		4		1		1		4
accepted	NAGF	262962	Nitzschia angusteforaminata	Lange-Bert.	1980	1.5		2		5	MOD 4>5 15	1		1		4
accepted	NIAR	262963	Nitzschia archibaldii	Lange-Bert.	1980	3.8		2		4		1		1		3
accepted	NBCL	262964	Nitzschia bacillum	Hust.	1922	3.8		1		4		1		1		4
accepted	NBAV	262965	Nitzschia bavarica	Hust.	1953	4.0		1		3	mod 4>3 150	1		0	MOD 1 > 0 1	3
accepted	NBRG	262966	Nitzschia bergii	Cleve-Euler	1952	2.0		2		4		1		1		0
accepted	NBMS	262967	Nitzschia bremensis	Hust.		2.0		2		4		1		1		4
accepted	NBRE	262968	Nitzschia brevissima	Grunow	1881	2.0		3		4		1		1		3
accepted	NBNO	262969	Nitzschia brunoi	Lange-Bert.	1996	3.8		3		4		1		0		3
accepted	NIBR	262970	Nitzschia bryophila	Hust.	1937	3.8		1		4		1		1		0
accepted	NCPL	237713	Nitzschia capitellata	Hust.	1922	1.0		3		5	MOD 4>5 15	1		1		4
accepted	NCLA	237714	Nitzschia clausii	Hantzsch		2.8		3		4		1		1		4
accepted	NCOM	237715	Nitzschia communis	Rabenh.	1860	1.0		3		4		1		1		4
accepted	NICO	237716	Nitzschia commutata	Grunow	1880	2.0		3		4		1		1		0
accepted	NCMU	262971	Nitzschia commutatoides	Lange-Bert.	1987	2.8		2		4		1		1		0
accepted	NCPS	262973	Nitzschia compressa var. compressa	(Bailey) Boyer	1816	2.0		1		4		1		1		5
accepted	NZCE	262974	Nitzschia compressa var. elongata	(Grunow) Lange-Bert.	1988	2.0		1		4		1		1		0
accepted	NDLP	262975	Nitzschia dealpina	Lange-Bert. & Hoffmann	1993	0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NDIS	262976	Nitzschia dissipata	(Kütz.) Grunow	1862	4.0	** (change fr	3		5		2		0		4
accepted	NDOL	262979	Nitzschia dissipata ssp. oligotraphenta	Lange-Bert.	1996	4.0	ADD 4 2014-	1	ADD 1 2014-	0		0		0		0
accepted	NIDG	262977	Nitzschia divergens	Hust.		0.0		0		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NDRA	262978	Nitzschia draveillensis	Coste & Ricard	1980	3.0		2		4		1		1		0
accepted	NDUB	237718	Nitzschia dubia	W.Sm.	1853	2.0		3		4		1		1		3
accepted	NELE	237719	Nitzschia elegantula	Grunow		2.0		3		4		1		1		0
accepted	NEDT	262981	Nitzschia epithemoides var. disputata	(J.R.Carter) Lange-Bert.	1987	4.0		3		4		1		1		2
accepted	NFAS	237720	Nitzschia fasciculata	(Grunow) Grunow		2.2		2		4		1		1		0
accepted	NFIC	262983	Nitzschia filiformis var. conferta	(P.G.Richt.) Lange-Bert.		3.2		2		4		2	MOD 1>2 15	1	MOD 0>1 14	0
accepted	NFIL	237721	Nitzschia filiformis var. filiformis	(W. Sm.) Van Heurck		3.0		3		4		1		1		4
accepted	NFLE	6006579	Nitzschia flexa	Schum.		3.0		1		4	MOD 1>4 15	1	MOD 2>1 15	0		3
accepted	NFLX	262984	Nitzschia flexoides	Geitler	1968	0.0		0		4		2	MOD 1>2 15	0		0
accepted	NFON	237722	Nitzschia fonticola var. fonticola	Grunow	1881	3.5		1		4	MOD 3>4 15	2		1		4
accepted	NFPE	262986	Nitzschia fonticola var. pelagica	Hust.	1924	4.0		2		3		2		0		4
accepted	NIFQ	263046	Nitzschia frequens	Hust.	1957	1.0		3		4		1		1		4
accepted	NFBU	262988	Nitzschia frustulum var. bulnheimiana	(Rabenh.) Grunow		2.0		1		5	MOD 4>5 15	1		1		0
accepted	NIFR	237724	Nitzschia frustulum var. frustulum	(Kütz.) Grunow	1880	2.0		1		5	MOD 4>5 15	1		1		4
accepted	NIFT	262989	Nitzschia fruticosa	Hust.	1957	2.0		2		4		1		1		3
accepted	NZGA	262990	Nitzschia garrensis	Hust.	1950	3.0		2		4		1		0		0
accepted	NGES	262991	Nitzschia gessneri	Hust.	1953	3.0		3		4		1		1		0
accepted	NIGF	262992	Nitzschia graciliformis	Lange-Bert. & Simonsen	1978	2.0		1		4		1		1		4
accepted	NIGR	237726	Nitzschia gracilis	Hantzsch	1860	4.0	MOD 3>4 15	1	MOD 2>1 15	3	MOD 4>3 15	1		0	MOD 1 > 0 1	3
accepted	NHDT	262993	Nitzschia hadriatica	Lange-Bert.		0.0		0		4		1		0		0
accepted	NHAN	237727	Nitzschia hantzschiana	Rabenh.	1860	5.0		2		3	MOD 4>3 15	1		0	mod 1>0 150	3
accepted	NIHD	262994	Nitzschia harderi	Hust.	1948	0.0		0		4		1		1		0
accepted	NHEU	262995	Nitzschia heufleriana	Grunow	1862	4.0		1		4		1		1		4
accepted	NHOM	237728	Nitzschia homburgiensis	Lange-Bert.	1978	5.0		1		4		1		1		3
accepted	NICN	262996	Nitzschia incognita	Legler & Krasske	1940	2.5		1		4		1		1		0
accepted	NINC	237730	Nitzschia inconspicua	Grunow	1862	2.8		1		5		1		1		4
accepted	NINT	237731	Nitzschia intermedia	Hantzsch ex Cleve & Grunow	1880	1.0		3		4		1		1		3
accepted	NILA	262997	Nitzschia lacuum	Lange-Bert.	1980	5.0		2		3	MOD 4>3 15	1		0	MOD 1 > 0 1	4
accepted	NLMN	262999	Nitzschia lanceola var. minutula	Grunow		4.5	ADD 4,5 201	1	ADD 1 2014-	0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NZLB	263000	Nitzschia lange-bertalotii	Coste & Ricard	1982	5.0		1		0	mod 4>0 150	0	MOD 1>0 15	0		0
accepted	NLBT	263016	Nitzschia liebetruthii var. liebetruthii	Rabenh.	1864	2.0		1		5	MOD 4>5 15	1		1		5
accepted	NLIN	237733	Nitzschia linearis var. linearis	(C.Agardh) W.Sm.		3.0		2		4		1		1		4
accepted	NLSU	263018	Nitzschia linearis var. subtilis	(Grunow) Hust.	1923	3.0		3		4		1		0		0
accepted	NZLT	263019	Nitzschia linearis var. tenuis	(W. Sm.) Grunow	1880	3.0		2		4		1		0		3
accepted	NLOR	237735	Nitzschia lorenziana	Grunow	1879	2.5		3		4		1		1		0
accepted	NIME	263020	Nitzschia media	Hantzsch	1860	4.0		3		4	MOD 5>4 15	1	MOD 2>1 15	0		4
accepted	NMIC	237736	Nitzschia microcephala	Grunow	1878	1.0		3		4		1		1		4
accepted	NIMD	263021	Nitzschia modesta	Hust.	1950	0.0	MOD 5>0 15	0	MOD 2>0 15	0	MOD 4>0 15	0	MOD 1>0 15	0	** (changed f	0
accepted	NNAN	237737	Nitzschia nana	Grunow	1881	4.0		2		4		1		1		3
accepted	NPMA	263026	Nitzschia palea f. major	Rabenh.		1.0		3		5		1		1	ADD 1 2012-	3
accepted	NPAD	263023	Nitzschia palea var. debilis	(Kütz.) Grunow	1880	3.0	MOD > 3 200	1	MOD > 1 200	4	mod 5>4 150	1		1		3
accepted	NPAL	237740	Nitzschia palea var. palea	(Kütz.) W.Sm.	1856	1.0		3		5		1		1		3
accepted	NPAT	263025	Nitzschia palea var. tenuirostris	Grunow	1881	1.0		3		5		1		1		3
accepted	NPAE	237741	Nitzschia paleacea	(Grunow) Grunow	1881	2.5		1		4		1		1		4
accepted	NIPF	263027	Nitzschia paleaeformis	Hust.	1950	3.0		2		1	MOD 4>1 15	1		0	mod 1>0 150	1
accepted	NPAR	263029	Nitzschia parvula	W.Sm.	1853	2.8		1		4		1		1		4
accepted	NIPM	237742	Nitzschia perminuta	(Grunow) Perag.	1903	4.5	MOD 5>4,5 1	1		3	mod 4>3 150	1		0	MOD 1 > 0 1	4
accepted	NPSF	263031	Nitzschia pseudofonticola	Hust.	1942	2.9		1		4		1		1		3
accepted	NPML	263032	Nitzschia pumila	Hust.	1954	5.0		1		3	MOD 4>3 15	1		0	mod 1>0 150	0
accepted	NIPR	263033	Nitzschia pura	Hust.	1954	4.0		1		4		1		1		0
accepted	NIPU	237743	Nitzschia pusilla	(Kütz.) Grunow	1862	2.0		3		4		2		0		3
accepted	NZRA	263034	Nitzschia radicula	Hust.	1942	2.0		1		4		1		1		0
accepted	NREC	237744	Nitzschia recta	Hantzsch	1861-79	3.0		2		4		1		1		4
accepted	NRFO	263035	Nitzschia rectiformis	Hust.	1943	3.0		2		4		1		1		0
accepted	NRBU	263036	Nitzschia rectirobusta	Lange-Bert.	1996	3.0		2		4		1		0		0
accepted	NIRE	6006581	Nitzschia regula	Hust.		0.0		0		0		0		0		0
accepted	NSRB	263037	Nitzschia semirobusta	Lange-Bert.	1993	5.0		1		4		1		0		0
accepted	NSIG	237747	Nitzschia sigma	(Kütz.) W.Sm.	1853	2.0		3		4		2		1		4
accepted	NSIO	237748	Nitzschia sigmoidea	(Nitzsch) W.Sm.		3.0		2		4		2		0		4

accepted	NSDE	263040	Nitzschia sinuata var. delognei	(Grunow) Lange-Bert.	1980	3.0		3		5	MOD 4>5 15	1		1		4
accepted	NSIN	263039	Nitzschia sinuata var. sinuata	(Thwaites) Grunow		4.0		2		4		1		1		4
accepted	NSIT	263041	Nitzschia sinuata var. tabellaria	(Grunow) Grunow		5.0		2		4		1		1		3
accepted	NSOC	263042	Nitzschia sociabilis	Hust.	1957	3.0		3		5	MOD 4>5 15	1		1		3
accepted	NISO	263044	Nitzschia solita	Hust.		2.0		2		5	MOD 4>5 15	1		1		0
accepted	NZS1	6000092	Nitzschia sp. Iconogr. 2. Taf. 70:21a-b													
accepted	NZSS	1010462	Nitzschia sp.	Hassall		1.0		2		4		1		1		0
accepted	NSUA	263045	Nitzschia subacicularis	Hust.	1874	3.0		3		4		1		1		4
accepted	NSBS	6006582	Nitzschia subconstricta	Desikachary & Prema non Grunow		2.0		2		4		1		1		0
accepted	NSBL	237751	Nitzschia sublinearis	Hust.	1930	5.0		2		4		1		1		0
accepted	NZSL	263047	Nitzschia subtilioides	Hust.		3.0		3		0	MOD 4>0 15	0	MOD 1>0 15	0		0
accepted	NSUD	263048	Nitzschia suchlandtii	Hust.	1943	3.0		1		4		1		1		0
accepted	NZSU	263049	Nitzschia supralitorea	Lange-Bert.	1979	1.5		2		5	MOD 4>5 15	1		1		3
accepted	NUMB	237753	Nitzschia umbonata	(Ehrenb.) Lange-Bert.	1978	1.0		3		4		1		1		3
accepted	NIVA	237754	Nitzschia valdestriata	Aleem & Hust.	1951	2.0		2		4		1		1		4
accepted	NVER	237755	Nitzschia vermicularis	(Kütz.) Hantzsch	1860	4.0		1		4		1	**MOD 2>1	0		4
accepted	NUCA	6006583	Nupela carolina	Potapova & Clason		0.0		0		0		0		0		0
accepted	NUDE	263052	Nupela deformis	Lange-Bert.	1994	0.0		0		0	MOD 4>0 15	0	MOD 1>0 15	0		0
accepted	NUFE	263053	Nupela fennica	(Hust.) Lange-Bert.		5.0		2		2	mod 4>2 150	1		0		0
accepted	NUIP	6006585	Nupela imperfecta	(Schim.) Lange-Bert.		0.0		0		0	mod 4>0 150	0	mod 1>0 150	0		0
accepted	NUIF	263054	Nupela impexiformis	(Lange-Bert.) Lange-Bert.	1989	0.0		0		0	mod 4>0 150	0	mod 1>0 150	0		0
accepted	NUPN	6006587	Nupela neglecta	Ponader, R.L.Lowe & Potapova		0.0		0		0		0		0		0
accepted	NSHC	263057	Nupela silvahercynia	(Lange-Bert.) Lange-Bert.	1996	5.0		1		2	MOD 3>2 15	1		0		0
accepted	NUPS	1016175	Nupela sp.	Vyverman & Compère		5.0		2		0	MOD 4>0 15	0	MOD 1>0 15	0		0
accepted	NUSR	263056	Nupela subrostrata	(Hust.) M.Potapova		5.0		1		0	mod 4>0 150	0	mod 1>0 150	0		0
accepted	NUVI	6006589	Nupela vitiosa	(Schim.) Lange-Bert.		5.0		1		2	mod 4>2 150	1		0		3
accepted	NUWE	6006588	Nupela wellneri	(Lange-Bert.) Lange-Bert.		4.0		1		4	add 4 150706	1	add 1 150706	0		0
accepted	OOLS	6006590	Opephora olsenii	Møller	1950	2.8		2		5	mod 0>5 150	2	mod 0>2 150	0		5
accepted	ODEN	263059	Orthoseira dendroteres	(Ehrenb.) R.M.Crawford		5.0		2		0		0		0		0
accepted	ORTS	1010418	Orthoseira sp.	Thwaites		0.0		0		0		0		0		0
accepted	PCRC	237553	Parlibellus cruciculus	(W. Sm.) Witkowski, Lange-Bert. & Metzeltin	2000	0.0		0		4		1		0		5
accepted	PPRO	237587	Parlibellus protractus	(Grunow) Witkowski, Lange-Bert. & Metzeltin	2000	2.0		2		4		1		0		3
accepted	PAPR	6006568	Parlibellus protractoides	(Hust.) Witkowski & Lange-Bert.	2000	2.6		1		4		1		0		0
accepted	PTAE	237490	Pauliella taeniata	(Grunow) Round & Basson	1997	0.0		0		3		1		0		0
accepted	PFIB	263064	Peronia fibula	(Bréb. & Kütz.) R.Ross	1956	5.0		3		1		3		0		2
accepted	PACI	6006592	Pinnularia acidophila	G.Hofm. & Krammer		4.7		2		1		3		0		1
accepted	PACU	263068	Pinnularia acuminata	W.Sm.	1853	5.0		3		1		3		0		2
accepted	PIAN	6006593	Pinnularia anglica	Krammer		5.0		2		1		3		0		3
accepted	PAGL	6006594	Pinnularia angulosa	Krammer		0.0		0		1		3		0		4
accepted	PAGU	6006596	Pinnularia angusta var. angusta	(Cleve) Krammer	1992	0.0		0		1		3		0		3
accepted	PAPP	237614	Pinnularia appendiculata	(C.Agardh) Cleve	1895	0.0	MOD 5>0 15	0	MOD 3>0 15	0	MOD 1>0 15	0	MOD 3>0 15	0		0
accepted	PBAC	263069	Pinnularia bacilliformis	Krammer	1992	0.0		0		1		3		0		0
accepted	PBTD	263070	Pinnularia bertrandii	Krammer	2000	0.0		0		1		3		0		0
accepted	PBIC	263071	Pinnularia biceps var. biceps	W.Greg.	1856	5.0		2		1		3		0		3
accepted	PBGI	6006597	Pinnularia biceps var. gibberula	(Hust.) Krammer	2000	0.0		0		1		3		0		0
accepted	PBOR	237615	Pinnularia borealis var. borealis	Ehrenb.	1843	5.0		3		1		3		0		3
accepted	PBSC	263073	Pinnularia borealis var. scalaris	Rabenh.	1864	0.0		0		1		3		0		0
accepted	PBSL	6006598	Pinnularia borealis var. sublinearis	Krammer		5.0		3		1	ADD 1 15070	3	add 3 150706	0		3
accepted	PBRN	237616	Pinnularia brauniana	(Grunow) F.Studnička	1888	5.0		3		1		3		0		1
accepted	PBRE	263074	Pinnularia brebissonii	(Kütz.) Rabenh.	1864	4.0	*	3	*	2	MOD 1>2 15	3		0		3
accepted	PBLC	263075	Pinnularia bullacostae	Krammer & Lange-Bert.	1999	0.0		0		1		3		0		0
accepted	PCLM	263149	Pinnularia clevei var. minor	(Hust.) Krammer	2000	0.0		0		1		3		0		0
accepted	PCRU	263147	Pinnularia crucifera	Cleve-Euler	1934	5.0		3		1		3		0		2
accepted	PCRX	263146	Pinnularia cruxarea	Krammer	2000	0.0		0		1		3		0		0
accepted	PDEC	263145	Pinnularia decrescens	(Grunow) Krammer	2000	5.0	ADD 4 2014-	1	ADD 2 2014-	1		3		0		3
accepted	PDIV	263141	Pinnularia divergens var. divergens	W.Sm.	1853	5.0		2		1		3		0		3
accepted	PDME	263143	Pinnularia divergens var. media	Krammer	2000	5.0		1	MOD 2>1 15	1		3		0		3
accepted	PDSL	263144	Pinnularia divergens var. sublinearis	Cleve	1895	5.0		2		1		3		0		0
accepted	PDVG	263138	Pinnularia divergentissima var. divergentissima	(Grunow) Cleve	1895	5.0		2		1		3		0		2
accepted	PDMI	263139	Pinnularia divergentissima var. minor	Krammer	1992	5.0		2		1		3		0		2
accepted	PDVT	6006599	Pinnularia divergentissima var. triundulata	Krammer		5.0		2		1		3		0		3
accepted	PEIF	263136	Pinnularia eifelana	(Krammer) Krammer		4.2		3		1		3		0		0
accepted	PESX	263135	Pinnularia esoxiformis	Fusey	1951	0.0		0		1		3		0		3
accepted	PFQT	263134	Pinnularia frequentis	Krammer	2000	0.0		0		1		3		0		0
accepted	PGIB	237619	Pinnularia gibba	(Ehrenb.) Ehrenb.	1841	5.0		2		1		3		0		3
accepted	PGIF	263133	Pinnularia gibbiformis	Krammer	1992	5.0		3	MOD 2>3 15	1		3		0		0
accepted	PGTR	263132	Pinnularia graciloides var. triundulata	(Fontell) Krammer	2000	4.0		2		1		3		0		0
accepted	PGRU	263130	Pinnularia grunowii	Krammer	2000	0.0		0		0	MOD 1>0 15	0	MOD 3>0 15	0		0
accepted	PITM	263129	Pinnularia intermedia	(Lagerst.) Cleve		5.0		2		1		3		0		3
accepted	PINT	263128	Pinnularia interrupta	W.Sm.		5.0		2		1		3		0		3
accepted	PITF	263127	Pinnularia interruptiformis	Krammer		0.0		0		1		3		0		0
accepted	PIRR	263126	Pinnularia irrorata	(Grunow) Hust.	1939	5.0		3		1		3		0		0
accepted	PISL	6006600	Pinnularia islandica	Østrup		0.0		0		1		3		0		0
accepted	PISS	263125	Pinnularia isselana	Krammer	2000	0.0		0		1		3		0		0
accepted	PIVA	263124	Pinnularia ivaloensis	Krammer	2000	5.0	ADD 5 2009-	2	ADD 2 2009-	1		3		0		2
accepted	PJUL	6006601	Pinnularia julma	Krammer & Metzeltin		0.0		0		1		3		0		3
accepted	PKRA	263123	Pinnularia krammeri	Metzeltin	1996	0.0		0		1		3		0		0
accepted	PKUT	263121	Pinnularia kuetzingii	Krammer	1992	0.0		0		1		3		0		0
accepted	PLBE	263120	Pinnularia lange-bertalotii	Krammer	1992	5.0	MOD 2>5 15	2	MOD 3>2 15	1		3		0		0
accepted	PLAT	6006602	Pinnularia lata	(Bréb.) Rabenh.	1853	5.0		2		1		3		0		2
accepted	PLOK	263119	Pinnularia lokana	Krammer	2000	0.0		0		1		3		0		0
accepted	PLLN	263118	Pinnularia lundii var. linearis	Krammer		5.0		3		1		3		0		2
accepted	PLUN	263117	Pinnularia lundii var. lundii	Hust.	1954	4.5	MOD 5>4,5 1	1	MOD 3>1 15	1		3		0		0
accepted	PMAC	263115	Pinnularia macilenta	Ehrenb.		5.0		3		1		3		0		0
accepted	PMAJ	237622	Pinnularia maior	(Kütz.) Rabenh.	1853	5.0		3		1		3		0		3
accepted	PMCH	263114	Pinnularia marchica	I.Schönfelder	2000	4.0	ADD 4 1509-	1	ADD 1 1509-	4	MOD 1>4 15	1	MOD 3>1 15	0		3
accepted	PMES	237623	Pinnularia mesolepta	(Ehrenb.) W.Sm.	1853	5.0		2		1		3		0		3
accepted	PMIA	6006603	Pinnularia microstauron var. angusta	Krammer		5.0	MOD 4>5 15	1	MOD 2>1 15	1		3		0		2
accepted	PMIC	263111	Pinnularia microstauron var. microstauron	(Ehrenb.) Cleve	1891	4.0	MOD 2,5>4 1	1	MOD 3>1 15	3	MOD 1>3 15	1	MOD 3>1 15	0		3
accepted	PMNF	263112	Pinnularia microstauron var. nonfasciata	Krammer	2000	0.0		0		1		3		0		0
accepted	PMRO	263113	Pinnularia microstauron var. rostrata	Krammer	2000	5.0	ADD 5 2014-	1	ADD 2 2014-	1		3		0		2
accepted	PNEO	263110	Pinnularia neomajor	Krammer	1992	5.0	ADD 5 2014-	2	ADD 2 2014-	1		3		0		0
accepted	PNODsl	263107	Pinnularia nodosa s.lat.	(Ehrenb.) W.Sm.	1856	5.0		2		1		3		0		2
accepted	PNOD	263108	Pinnularia nodosa var. nodosa	(Ehrenb.) W.Sm.	1856	5.0		2		1		3		0		2
accepted	PNPE	263109	Pinnularia nodosa var. percapitata	Krammer	2000	0.0		0		0	MOD 1>0 15	0	MOD 3>0 15	0		0
accepted	POBS	263106	Pinnularia obscura	Krasske	1932	3.0		1		4	MOD 1>4 15	1	MOD 3>1 15	0		3
accepted	POBF	263105	Pinnularia obscuriformis	Krammer	2000	2.0		1		4	MOD 1>4 15	1	MOD 3>1 15	0		0
accepted	PPEA	263104	Pinnularia peracuminata	Krammer	2000	0.0		0		1		3		0		0
accepted	PPRI	263103	Pinnularia perirrorata	Krammer	2000	5.0	ADD 5 2009-	2	ADD 2 2009-	1		3		0		2
accepted	PPIS	263102	Pinnularia pisciculus	Ehrenb.	1843	5.0		2		1		3		0		0
accepted	PPLA	6006604	Pinnularia platycephala	(Ehrenb.) Cleve	1891	5.0	MOD 2>5 20	1	MOD 3>1 20	1		3		0		0
accepted	PPVF	6006605	Pinnularia pluvianiformis	Krammer		0.0		0		1	ADD 1 15070	3	add 3 150706	0		0
accepted	PPOL	263100	Pinnularia polyonca var. polyonca	(Bréb. ex Kütz.) W.Sm.		5.0		3		1		3		0		2
accepted	PPSL	263101	Pinnularia polyonca var. similis	(Krammer) Krammer		5.0	ADD 5 2014-	3	ADD 3 2014-	0		0		0		0
accepted	PREN	263098	Pinnularia renata	Krammer		0.0		0		1		3		0		0

accepted	PRHM	263097	Pinnularia rhombarea	Krammer	1998	0.0		0		1		3		0	3
accepted	PRHH	6006606	Pinnularia rhombarea var. halophila	Krammer	2000	0.0		0		0		0		0	0
accepted	PRHB	6006465	Pinnularia rhombarea var. rhombarea	Krammer	1998	0.0		0		1	ADD 1 1509	3	ADD 3 1509	0	3
accepted	PRUP	263096	Pinnularia rupestris	Hantzsch	1861	4.2	ADD 4,2 201	3	ADD 3 2014-	2	MOD 1>2 15	3		0	3
accepted	PSHO	263095	Pinnularia schoenfelderi	Krammer	1992	4.5	MOD 5>4,5 1	1		3	MOD 1>3 15	1	MOD 3>1 15	0	3
accepted	PSHT	263094	Pinnularia schroeterae	Krammer	2000	5.0		3		1		3		0	0
accepted	PSEP	263093	Pinnularia septentrionalis	Krammer	2000	0.0		0		1		3		0	0
accepted	PSIL	263092	Pinnularia silvatica	J.B.Petersen	1935	5.0		3		1		3		0	2
accepted	PSIF	263091	Pinnularia similiformis	Krammer	1992	0.0		0		1		3		0	0
accepted	PSIN	263090	Pinnularia sinistra	Krammer	1992	3.0		2		3	MOD 1>3 15	1	MOD 3>1 15	0	3
accepted	PINS	1010450	Pinnularia sp.	Ehrenb.		4.7		2		1		3		0	0
accepted	PSTO	263089	Pinnularia stomatophora	(Grunow) Cleve	1891	5.0		2		1		3		0	2
accepted	PSAG	263088	Pinnularia subanglica	Krammer	2000	5.0	ADD 4,3 201	1	ADD 2 2014-	1		3		0	0
accepted	PSEL	263086	Pinnularia subcapitata var. elongata	Krammer	1992	5.0		2		1		3		0	2
accepted	PSCA	263085	Pinnularia subcapitata var. subcapitata	W.Greg.	1856	5.0		2		1		3		0	2
accepted	PSSR	263087	Pinnularia subcapitata var. subrostrata	Krammer	1992	5.0		2		1		3		0	3
accepted	PSNF	263084	Pinnularia subcommutata var. nonfasciata	Krammer	2000	0.0		0		1		3		0	0
accepted	PSCM	263083	Pinnularia subcommutata var. subcommutata	Krammer	1992	0.0		0		1		3		0	0
accepted	PSBF	263081	Pinnularia subfalaiseana	Krammer	2000	0.0		0		1		3		0	0
accepted	PSGI	263079	Pinnularia subgibba var. subgibba	Krammer	1992	5.0		2		1		3		0	0
accepted	PSUN	263080	Pinnularia subgibba var. undulata	Krammer	1992	0.0		0		1		3		0	0
accepted	PSBI	263077	Pinnularia subinterrupta	Krammer & S.Schroet.	1992	5.0	ADD 5 2014-	1	ADD 1 2014-	1		3		0	1
accepted	PSRU	263076	Pinnularia subrupestris	Krammer	1992	5.0	ADD 4,5 201	1	ADD 2 2014-	1		3		0	0
accepted	PTJU	263067	Pinnularia tirolensis var. julma	Krammer	2000	5.0		2	MOD 1>2 15	1		3		0	2
accepted	PTIR	263066	Pinnularia tirolensis var. tirolensis	(Metzeltin & Krammer) Krammer		5.0	ADD 5 2014-	1	ADD 1 2014-	1		3		0	0
accepted	PTRA	6006607	Pinnularia transversa	(A.W.F.Schmidt) Ant.Mayer	1940	5.0		2		1		3		0	0
accepted	PUCU	6006608	Pinnularia undula var. cuneata	(Hust.) Krammer	2000	5.0		1		1		3		0	0
accepted	PUDU	263063	Pinnularia undula var. undula	(Schumann) Krammer	2000	0.0		0		1		3		0	0
accepted	PVAE	6006609	Pinnularia vaetterana	Krammer		0.0		0		1		3		0	0
accepted	PVFM	6006610	Pinnularia viridiformis var. minor	Krammer		5.0		2		1		3		0	0
accepted	PVFV	263062	Pinnularia viridiformis var. viridiformis	Krammer		5.0		2		1		3		0	0
accepted	PVIV	263060	Pinnularia viridis var. viridis	(Nitzsch) Ehrenb.	1843	4.0		2		1		1		0	3
accepted	PCLD	262318	Placoneis clementioides	(Hust.) E.J.Cox	1987	4.2		2		4		1		0	4
accepted	PCLT	237817	Placoneis clementis	(Grunow) E.J.Cox	1987	4.0	MOD 5>4 15	1	MOD 2>1 15	4		1		0	4
accepted	PELG	237818	Placoneis elginensis	(W.Greg.) E.J.Cox	1987	4.0		2		4		1		0	4
accepted	PEXP	263050	Placoneis explanata	(Hust.) Lange-Bert.	1998	5.0		2		4		1		0	0
accepted	PPAE	6006611	Placoneis paraelginensis	Lange-Bert.		4.0		1		4	ADD 4 15070	1	add 1 150706	0	0
accepted	PPSA	6006612	Placoneis pseudanglica	(Lange-Bert.) E.J.Cox		3.0		2		4	mod 3>4 150	1		0	4
accepted	PLAS	1010474	Placoneis sp.	Mereschk.		4.2	MOD 4,3>4,2	1	MOD 2>1 15	4		1		0	4
accepted	PSYM	263043	Placoneis symmetrica	(Hust.) Lange-Bert.	2005	5.0		2		4		1		0	0
accepted	PUND	6006613	Placoneis undulata	(Østrup) Lange-Bert.	2000	4.0		2		4		1		0	0
accepted	PAPC	6006614	Planothidium apiculatum	(R.M.Patrick) Lange-Bert.		4.0		2		0		0		0	0
accepted	PLBI	263015	Planothidium biporomum	(M.H.Hohn & Hellerman) Lange-Bert.	1999	4.6		1		5		1	MOD 2>1 15	0	3
accepted	PTCA	263014	Planothidium calcar	(Cleve) Edlund	1996	4.5	ADD 4,5 201	1	ADD 1 2014-	3	MOD 5>3 15	2		0	0
accepted	PCYC	263013	Planothidium cyclophorum	(Heiden) Van de Vijver	2002	4.0		2		0	MOD 5>0 15	0	MOD 2>0 15	0	0
accepted	PDAU	263012	Planothidium daui	(Foged) Lange-Bert.	1999	4.8		2		2	MOD 5>2 15	2		0	3
accepted	PTDE	237768	Planothidium delicatulum	(Kütz.) Round & Bukht.	1996	3.0		3		5		2		0	5
accepted	PTDU	263011	Planothidium dubium	(Grunow) Round & Bukht.	1996	4.0		1		5		2		0	4
accepted	PLEN	263010	Planothidium engelbrechtii	(Cholnoky) Round & Bukht.		2.9		2		5		2		0	5
accepted	PLFR	263009	Planothidium frequentissimum	(Lange-Bert.) Lange-Bert.	1999	3.4		1		5		2		0	4
accepted	PGRN	263008	Planothidium granum	(M.H.Hohn & Hellerman) Lange-Bert.	1999	4.5	MOD 141205	1		4	MOD 5 > 4 1	1	MOD 2 > 1 1	0	4
accepted	PTHA	263007	Planothidium hauckianum	(Grunow) Round & Bukht.		2.8		2		5		2		0	5
accepted	PJOU	263006	Planothidium joursacense	(Hérib.) Lange-Bert.	1999	3.0		2		5		2		0	4
accepted	PTLA	237774	Planothidium lanceolatum	(Bréb. ex Kütz.) Lange-Bert.	1999	4.6		1		5		2		0	4
accepted	PLEM	237776	Planothidium lemmermannii	(Hust.) E.Morales	1996	5.0		2		3		1		0	0
accepted	PLMN	6006615	Planothidium minutissimum	(Krasske) Lange-Bert.		0.0		0		5		2		0	0
accepted	PTOE	263005	Planothidium oestrupii	(Cleve-Euler) Edlund	1996	4.8		3		4	MOD 5>4 15	1	MOD 2>1 15	0	3
accepted	PTPE	237783	Planothidium peragalloi	(Brun & Hérib.) Round & Bukht.	1996	5.0		2		3	MOD 5>3 15	2		0	3
accepted	PPCV	262944	Planothidium pericavum	(J.R.Carter) Lange-Bert.		5.0		1		3	MOD 5>3 15	1	MOD 2>1 15	0	0
accepted	PPDT	262216	Planothidium pseudotanense	Lange-Bert.	1999	4.0		1		3	MOD 5>3 15	1	MOD 2>1 15	0	0
accepted	PRST	237787	Planothidium rostratum	(Østrup) Lange-Bert.	1999	4.4		1		4	MOD 5>4 15	1	MOD 2>1 15	0	4
accepted	PSTW	262942	Planothidium stewartii	(R.M.Patrick) Lange-Bert.	1945	5.0		2		3		1		0	0
accepted	PBAH	6006616	Platessa bahlsii	Potapova	2012	5.0		1		3		1		0	0
accepted	PTCO	237767	Platessa conspicua	(A.Mayer) Lange-Bert.	2005	4.0		1		5		1	mod 2>1 150	0	3
accepted	PLHO	262941	Platessa holsatica	(Hust.) Lange-Bert.		3.8		1		3		1		0	0
accepted	PLUH	262229	Platessa lutheri	(Hust.) Potapova	2012	5.0		1		3		1		0	2
accepted	PLRS	1010392	Pleurosira sp.	(Ehrenb.) Compère		2.0		3		0		0		0	0
accepted	PABD	262940	Psammothidium abundans	(Manguin) Bukht. & Round	1996	5.0	ADD 2009-1	1	ADD 2009-1	3		1		0	3
accepted	PACD	262939	Psammothidium acidoclinatum	(Lange-Bert.) Lange-Bert.		5.0	mod 4>5 150	1		2	MOD 3>2 15	1		0	2
accepted	PALT	262937	Psammothidium altaicum	(V.S.Poretzky) Bukht.	1996	5.0	ADD 2009-1	2	ADD 2009-1	2	MOD 3>2 15	1		0	2
accepted	PBRI	6006617	Psammothidium bristolicum	Bukht.	1996	5.0		2		2	MOD 3>2 15	1		0	2
accepted	PBUC	262936	Psammothidium buccolum	(Cholnoky) Bukht.		0.0		0		0	MOD 3>0 15	0	MOD 1>0 15	0	0
accepted	PCHL	262934	Psammothidium chlidanos	(M.H.Hohn & Hellerman) Lange-Bert.	1999	5.0		1		2	MOD 3>2 15	1		0	2
accepted	PMTC	262931	Psammothidium curtissimum	(J.R.Carter) Aboal		5.0	ADD 2009-1	1	ADD 2009-1	3		1		0	3
accepted	PDID	262929	Psammothidium didymum	(Hust.) Bukht. & Round	1996	5.0	ADD 2009-1	1	ADD 2009-1	2	MOD 3>2 15	1		0	3
accepted	PFRG	262928	Psammothidium frigidum	(Hust.) Bukht. & Round		0.0		0		3		1		0	0
accepted	PGRI	262925	Psammothidium grischunum	Bukht. & Round	1996	5.0		2		3		1		0	0
accepted	PKRY	262922	Psammothidium kryophilum	(J.B.Petersen) E.Reichardt		3.0		2		3		1		0	3
accepted	PKUE	262921	Psammothidium kuelbsii	(Lange-Bert.) Bukht. & Round	1996	5.0	ADD 5 2010-	1	ADD 1 2010-	3		1		0	0
accepted	PLVU	262896	Psammothidium lacus-vulcani	(Lange-Bert. & Krammer) Bukht.	1996	5.0	ADD 5 2014-	1	ADD 1 2014-	3		1		0	0
accepted	PLVD	237777	Psammothidium levanderi	(Hust.) Bukht. & Round	1996	4.0		1		3		1		0	3
accepted	PMRG	262891	Psammothidium marginulatum	(Grunow) Bukht. & Round	1996	5.0		2		3		1		0	2
accepted	PPEP	262887	Psammothidium perpusillum	(Østrup) Lange-Bert.		5.0	MOD 3,9>5 1	1		3		1		0	3
accepted	PPUN	262884	Psammothidium punctulatum	Bukht. & Round	1996	0.0		0		3		1		0	0
accepted	PSRE	262881	Psammothidium rechtensis	(Leclercq) Lange-Bert.		5.0		1	MOD 3>1 15	3		1		0	3
accepted	PREV	262873	Psammothidium reversum	(Lange-Bert. & Krammer) Bukht. & Round	1996	0.0		0		2	MOD 3>2 15	2	MOD 1>2 15	0	0
accepted	PROS	262871	Psammothidium rossii	(Hust.) Bukht. & Round	1996	5.0		1	MOD 3> 1 20	3		1		0	3
accepted	PSAC	262870	Psammothidium sacculum	(J.R.Carter) Bukht.	1996	4.7		1		3		1		0	3
accepted	PSCT	262864	Psammothidium scoticum	(Flower & V.J.Jones) Bukht. & Round	1996	5.0	ADD 5 2009-	1	ADD 1 2009-	2	**MOD > 2 2	2	**MOD > 2 2	0	2
accepted	PVEN	262862	Psammothidium ventrale	(Krasske) Bukht. & Round	1996	5.0		1		3		1		0	2
accepted	PSSE	262856	Pseudostaurosira elliptica	(Schum.) Edlund, E.Morales & S.Spauld.		3.0	* (tillägg för	1	* (tillägg för	4		1		0	4
accepted	PPRS	262854	Pseudostaurosira parasitica var. parasitica	(W.Sm.) E.Morales	2003	4.0		1		4	** MOD 3>4	1		0	4
accepted	PPSC	262855	Pseudostaurosira parasitica var. subconstricta	(Grunow) E.Morales	2003	4.0		1		4	**, MOD 3>4	1		0	4
accepted	PSSB	262852	Pseudostaurosira subsalina	(Hust.) E.Morales		3.0		1		4	**, MOD 3>4	1		0	4
accepted	RFON	6006620	Reimeria fontinalis	Levkov & Ector	2010	5.0		1		0		0		0	0
accepted	ROVA	262846	Reimeria ovata	(Hust.) Levkov & Ector		4.8		1		4		3		0	3
accepted	RSIN	6000424	Reimeria sinuata	(W.Greg.) Kociolek & Stoermer	1987	4.5	MOD 4,8>4,5	1		4		3		0	3
accepted	REIS	1010478	Reimeria sp.	Kociolek & Stoermer		4.8	MOD 5>4,8 1	1		4		1	MOD 3>1 15	0	0
accepted	RUNI	262845	Reimeria uniseriata	Sala, J.M.Guerrero & Ferrario	1993	4.5	MOD 5>4,5 1	1		4	ADD 4 2014-	3	ADD 3 2014-	0	0
accepted	RARC	237966	Rhabdonema arcuatum	(Lyngb.) Kütz.	1844	0.0		0		0		0		0	0
accepted	RMIN	237967	Rhabdonema minutum	Kütz.		0.0		0		0		0		0	0
accepted	RABB	237874	Rhoicosphenia abbreviata	(C.Agardh) Lange-Bert.	1980	4.0		1		5		1		0	4
accepted	RHPS	1010482	Rhoicosphenia sp.	Grunow		3.0		1		5		1		0	0
accepted	RACU	237876	Rhopalodia acuminata	Krammer	1987	5.0		3		1		1		0	0
accepted	RBRE	262844	Rhopalodia brebissonii	Krammer		0.0		0		0	MOD 1>0 15	0	MOD 1>0 15	0	4

accepted	RGIB	237877	Rhopalodia gibba	(Ehrenb.) O.Müll.	1895	5.0		1	** (base2009	2	MOD 1>2 15	1		0		5
accepted	RPAR	6006622	Rhopalodia parallela	(Grunow) O.Müll.		5.0		3		1		1		0		0
accepted	RRUP	262843	Rhopalodia rupestris	(W. Sm.) Krammer	1987	5.0		2		1		1		0		0
accepted	RANA	262228	Rossithidium anastasiae	(Kaczmarska) Potapova	2012	5.0		1	**20100915	2		2		0		3
accepted	RNOD	262832	Rossithidium nodosum	(A.Cleve) Aboal	2003	5.0	* (tillägg för	2	* (tillägg för	2		2		0		3
accepted	RPET	237784	Rossithidium petersenii	(Hust.) Round & Bukht.	2003	5.0		2		2		2		0		3
accepted	RPUS	237785	Rossithidium pusillum	(Grunow) Round & Bukht.	1996	5.0		3		2	MOD 3>2 15	2	MOD 1>2 15	0		3
accepted	SEAL	262811	Sellaphora alastos	(M.H.Hohn & Hellerman) Lange-Bert. & Metzeltin		0.0		0		0	MOD 5>0 15	0	MOD 1>0 15	0		4
accepted	SAME	262810	Sellaphora americana	(Ehrenb.) D.G.Mann	1989	5.0		2		4	MOD 5>4 15	1		0		4
accepted	SEBA	237658	Sellaphora bacillum	(Ehrenb.) D.G.Mann	1987	4.0	MOD from 5	1	** MOD > 1	4	MOD 5>4 15	1		0		4
accepted	SDIS	262809	Sellaphora disjuncta	(Hust.) D.G. Mann	1989	4.5	MOD 4>4,5 1	3		4	OBS! SDIS h	1		0		3
accepted	SHUS	237565	Sellaphora hustedtii	(Krasske) Lange-Bert. & Werum	1923	3.0		1		4	OBS! SDIS h	1		0		2
accepted	SJOU	262808	Sellaphora joubaudii	(H.Germ.) Aboal	2003	3.0		2		5		1		1		3
accepted	SELA	237659	Sellaphora laevissima	(Kütz.) D.G.Mann	1989	5.0		1		4	MOD 5>4 15	1		0		3
accepted	SEMU	6008146	Sellaphora mutata	(Krasske) Lange-Bert.	1996	4.0	MOD from 3	3	MOD from 1	5		1		0		3
accepted	SMTO	262807	Sellaphora mutatoides	Lange-Bert. & Metzeltin	2002	4.0	MOD from 3	3	MOD from 1	3	MOD 5>3 15	1		0		3
accepted	SENA	262806	Sellaphora nana	(Hust.) Lange-Bert., Cavacini, Tagliaventi & Alfinit	2003	5.0	MOD from 4,	1	MOD from 2	4	MOD > 4 20	1		0		2
accepted	SEPA	262805	Sellaphora parapupula	Lange-Bert.	1996	3.0	ADD 3 2014-	1	ADD 1 2014-	0	MOD 5>0 15	0	MOD 1>0 15	0		4
accepted	SPUP	237660	Sellaphora pupula	(Kütz.) Mereschk.	1902	2.6		2		5		1		0		3
accepted	SSEM	237661	Sellaphora seminulum	(Grunow) D.G.Mann	1990	1.5		2		5		1		1		3
accepted	SELS	1010455	Sellaphora sp.	Mereschk.		4.5		2		4		1		0		0
accepted	SSTM	262803	Sellaphora stroemii	(Hust.) H.Kobayasi	1990	5.0		1		3	MOD > 4 20	1		0		4
accepted	SVTC	262932	Sellaphora ventraloconfusa	(Lange-Bert.) Metzeltin & Lange-Bert.	1998	5.0		1		4	MOD 5>4 15	1		0		3
accepted	SVER	237606	Sellaphora verecundiae	Lange-Bert.		5.0		1		4		1		0		4
accepted	SIDE	262794	Simonsenia delognei	(Grunow) Lange-Bert.	1979	3.0		2		5	MOD 4>5 15	1		0		4
accepted	SEXG	262788	Stauroforma exiguiformis	(Lange-Bert.) Flower, V.J.Jones & Round	1996	5.0		2		3	** MOD from	1	ADD 1 2010-	0		3
accepted	STAG	262776	Stauroneis agrestis	J.B.Petersen	1915	4.0		1		5		2		0		0
accepted	STAL	6006623	Stauroneis alpina	Hust.		0.0	MOD 2>0 15	0	MOD 2>0 15	0	MOD 5>0 15	0	MOD 2>0 15	0		0
accepted	STAN	262774	Stauroneis anceps	Ehrenb.	1843	5.0		3		5		2		0		3
accepted	STANsl	237665	Stauroneis anceps s.lat.	Ehrenb.	1843	5.0		3		5		2		0		3
accepted	SBOR	262769	Stauroneis borrichii	(J.B.Petersen) J.W.G.Lund	1946	4.8		2		5		2		0		3
accepted	SFRJ	262733	Stauroneis francisci-josefi	Van de Vijver & Lange-Bert.		0.0		0		0	MOD 5>0 15	0	MOD 2>0 15	0		0
accepted	SGRL	262726	Stauroneis gracilior	E.Reichardt	1995	5.0		3		5		2		0		2
accepted	SGRC	262725	Stauroneis gracilis	Ehrenb.	1843	5.0		2		5		2		0		0
accepted	SHEI	262724	Stauroneis heinii	Lange-Bert. & Krammer	1999	0.0		0		5		2		0		0
accepted	SITC	6006624	Stauroneis intricans	Van de Vijver & Lange-Bert.		0.0		0		0		0		0		0
accepted	SKRS	262723	Stauroneis krasskei	Cholnoky		0.0		0		5		2		0		0
accepted	STKR	262722	Stauroneis kriegeri	R.M.Patrick	1945	4.8		2		4	MOD 5>4 15	2		0		3
accepted	SLGF	6006627	Stauroneis leguminiformis	Lange-Bert. & Krammer	1999	5.0		2		1		3		0		2
accepted	SLGP	262720	Stauroneis leguminopsis	Lange-Bert. & Krammer	1999	3.8	MOD 141205	2	MOD 141205	5		2		0		3
accepted	STNN	262806	Stauroneis nana	Hust.		5.0		1		4		1		0		0
accepted	STNF	262719	Stauroneis neofossilis	Lange-Bert. & Metzeltin	1996	5.0	ADD 5 2014-	3	ADD 3 2014-	0	MOD 5>0 15	0	MOD 2>0 15	0		0
accepted	STNH	262718	Stauroneis neohyalina	Lange-Bert. & Krammer	1996	5.0	**	1		3	mod 5>3 150	1	mod 2>1 150	0		3
accepted	SOBT	262717	Stauroneis obtusa	Lagerst.	1873	5.0		3		5		2		0		3
accepted	SPGL	262716	Stauroneis pergracilis	Van de Vijver & Lange-Bert.		0.0		0		5		2		0		0
accepted	SPHO	237668	Stauroneis phoenicenteron	(Nitzsch) Ehrenb.	1843	5.0		3		5		2		0		3
accepted	SPRO	262715	Stauroneis producta	Grunow	1880	5.0		2		5		2		0		4
accepted	STPR	237669	Stauroneis prominula	(Grunow) Hust.	1959	2.0		2		5		2		0		0
accepted	SRCH	262714	Stauroneis reichardtii	Lange-Bert., Cavacini, Tagliaventi & Alfinito	2003	0.0		0		5		2		0		0
accepted	STSE	262713	Stauroneis separanda	Lange-Bert. & Werum	2004	4.0	ADD 4 2014-	1	ADD 1 2014-	5		2		0		0
accepted	STSI	262712	Stauroneis siberica	(Grunow) Lange-Bert. & Krammer	1996	4.8	ADD 4,8 201	3	ADD 3 2014-	3	MOD 5>3 15	1	MOD 2>1 15	0		3
accepted	SSMC	262711	Stauroneis smithii var. incisa	Pant.	1902	0.0		0		5		2		0		0
accepted	SSMI	262710	Stauroneis smithii var. smithii	Grunow	1860	4.0	MOD 141205	1	MOD 141205	5		2		0		4
accepted	STAU	1010457	Stauroneis sp.	Ehrenb.		0.0	**	0	**	0	mod 5>0 150	0	mod 2>0 150	0		0
accepted	SSPG	6006625	Stauroneis supergracilis	Van de Vijver & Lange-Bert.		0.0		0		0		0		0		0
accepted	STAK	262709	Stauroneis tackei	(Hust.) Krammer & Lange-Bert.		3.0		2		5		2		0		0
accepted	STHE	237672	Stauroneis thermicola	(J.B.Petersen) J.W.G.Lund	1946	5.0		1		5		2		0		3
accepted	SRSA	238012	Staurosira alpestris	(Krasske ex Hust.) Van de Vijver	2002	5.0		3		2		1		0		0
accepted	STSB	262708	Staurosira berolinensis	(Lemmerm.) Lange-Bert.		3.0		1		4	** MOD > 4	1		0		4
accepted	SBND	248623	Staurosira binodis	(Ehrenb.) Lange-Bert.		4.0		1		4		1		0		4
accepted	SBRV	262363	Staurosira brevistriata	(Grunow) Grunow	1885	3.0		1		4	MOD 2>4 15	1	MOD 2>1 15	0		4
accepted	SCON	248621	Staurosira construens var. construens	Ehrenb.	1843	4.0		1		4	**, MOD 3>4	1		0		4
accepted	SCEX	262706	Staurosira construens var. exigua	(W.Sm.) H.Kobayasi	2002	0.0		0		4	** MOD 3>4	1		0		4
accepted	SRDU	262633	Staurosira dubia	Grunow		4.0		1		4		1		0		4
accepted	SLPP	237986	Staurosira lapponica	(Grunow) Lange-Bert.		5.0		2	FLAP has 2 v	3	MOD from 4	1		0		4
accepted	SSLE	237987	Staurosira leptostauron	Ehrenb.		4.0		1		4		1		0		4
accepted	SRMA	6006626	Staurosira martyi	(Hérib.) Lange-Bert.		4.0		1		4	mod 5>4 150	1	mod 2>1 150	0		0
accepted	SODB	262463	Staurosira oldenburgiana	(Hust.) Lange-Bert.		4.5		2		4	MOD 2>4 15	1		0		2
accepted	SOPA	262462	Staurosira opacolineata	(Lange-Bert.) Witon, Lange-Bert. & Witkowski	2004	5.0	*	1	*	0	MOD 4>0 15	0	MOD 1>0 15	0		3
accepted	SRPlsl	256816	Staurosira pinnata s.lat.	Ehrenb.		4.0		1		4		1		0		4
accepted	SPTN	6006498	Staurosira pinnata var. trigona	(Krasske) Lange-Bert.	2008	4.0	* (=FPIT bas	1	* (=FPIT bas	4		1		0		0
accepted	SPCO	262461	Staurosira pseudoconstruens	(Marciniak) Lange-Bert.		4.0		1		3	MOD 2>3 15	1		0		3
accepted	SRBU	262453	Staurosira robusta	(Fusey) Lange-Bert.		4.8	ADD 4,8 201	1	ADD 1 2014-	3	MOD 2>3 15	1		0		0
accepted	SSVE	248619	Staurosira venter	(Ehrenb.) Cleve & J.D.Möller	1881	4.0		1		4	** MOD > 4	1		0		4
accepted	STPI	262421	Staurosirella pinnata var. intercedens	(Grunow) P.B. Hamilton	1992	4.0	ADD 4 2009-	1	ADD 1 2009-	4		1		0		4
accepted	STCU	237911	Stenopterobia curvula	(W. Sm.) Krammer	1987	5.0		3		1		1		0		2
accepted	STDE	237912	Stenopterobia delicatissima	(F.W.Lewis) Bréb. ex Van Heurck	1896	5.0		3		1		1		0		2
accepted	SDEN	262420	Stenopterobia densestriata	(Hust.) Krammer		5.0		3		1		1		0		2
accepted	STCH	262419	Stephanocostis chantaicus	Genkal & A.E.Kuzmina	1985	0.0		0		0		0		0		0
accepted	SALP	237219	Stephanodiscus alpinus	Hust.	1942	4.0		2		0		0		0		0
accepted	SBIN	257386	Stephanodiscus binderanus	(Kütz.) W.Krieg.	1927	4.0		1		0		0		0		0
accepted	SHAN	237221	Stephanodiscus hantzschii	Grunow	1880	1.8		1		5	ADD 5 1509	1	ADD 1 1509	0		5
accepted	SHTE	262405	Stephanodiscus hantzschii f. tenuis	(Hust.) Håk. & Stoermer	1984	3.0		1		5	ADD 5 1509	1	ADD 1 1509	0		5
accepted	SMED	262404	Stephanodiscus medius	Håk.	1986	2.8		1		4	ADD 4 1509	1	ADD 1 1509	0		5
accepted	STMI	237222	Stephanodiscus minutulus	(Kütz.) Cleve & J.D.Möller	1882	4.0	MOD 3>4 15	1		0	ADD 5 2014-	0	ADD 1 2014-	0		5
accepted	SNEO	237223	Stephanodiscus neoastraea	Håk. & B.Hickel	1986	2.0		2		0		0		0		5
accepted	SPAV	237224	Stephanodiscus parvus	Stoermer & Håk.	1984	3.0		1		4	ADD 5 14120	1	ADD 1 2014-	0		5
accepted	STSP	1010370	Stephanodiscus sp.	Ehrenb.		3.0		2		0		0		0		0
accepted	SAPH	262403	Surirella amphioxys	W.Sm.	1856	5.0		1	** (base2009	3		1		0		4
accepted	SANG	237891	Surirella angusta	Kütz.	1844	4.0		1		4	MOD 3>4 15	1		0		4
accepted	SBIS	237893	Surirella biseriata	Bréb.	1836	4.5		3		3		1		0		4
accepted	SBRE	262400	Surirella brebissonii var. brebissonii	Krammer & Lange-Bert.	1987	3.0		2		5	MOD 3>5 15	1		0		4
accepted	SBKU	262401	Surirella brebissonii var. kuetzingii	Krammer & Lange-Bert.	1987	3.0		2		5	mod 3>5 150	1		0		4
accepted	SBPU	262402	Surirella brebissonii var. punctata	Krammer		3.0		2		3		1		0		4
accepted	SBRI	237895	Surirella brightwellii	W.Sm.	1853	2.0		3		3		1		0		0
accepted	SHEL	262398	Surirella helvetica	Brun	1880	5.0		3		3		1		0		3
accepted	SULP	237901	Surirella lapponica	A. Cleve		5.0		3		3		1		0		0
accepted	SLCO	262399	Surirella linearis var. constricta	Grunow		5.0	ADD 5 2014-	2		3		1		0		3
accepted	SLIN	262397	Surirella linearis var. linearis	W.Sm.	1853	5.0		2		3		1		0		3
accepted	SUMI	237903	Surirella minuta	Bréb.	1849	3.0		1		5	MOD 3>5 15	1		0		4
accepted	SOVI	237904	Surirella ovalis	Bréb.	1838	2.0		2		3		1		0		4
accepted	SRBA	262396	Surirella roba	Leclercq	1983	5.0		3		1	MOD 3>1 15	1		0		2
accepted	SURS	1010487	Surirella sp.	Turpin		4.0	MOD 3,6>4 1	1	MOD 2>1 15	3		1		0		0
accepted	SSPL	237907	Surirella splendida	(Ehrenb.) Kütz.		5.0		2		3		1		0		4
accepted	SSUE	262395	Surirella suecica	Grunow		2.0		2		3		1		0		0

accepted	SUTE	237909	Surirella tenera	W.Greg.		4.0		1		3		1		0		4
accepted	STER	262394	Surirella terricola	Lange-Bert. & Alles	1993	3.0		1		3		1		0		4
accepted	STUR	237910	Surirella turgida	W.Sm.	1853	4.0		3		3		1		0		3
accepted	TFEN	237977	Tabellaria fenestrata	(Lyngb.) Kütz.	1844	5.0		2		1	MOD 2>1 15	3		0		3
accepted	TFLO	237978	Tabellaria flocculosa	(Roth) Kütz.	1844	5.0		1		2		3		0		2
accepted	TQUA	262378	Tabellaria quadriseptata	B.M.Knudson	1952	5.0		3		1	MOD 2>1 15	3		0		1
accepted	TABS	1010505	Tabellaria sp.	Ehrenb. ex Kütz.		5.0		2		2		3		0		0
accepted	TVEN	262375	Tabellaria ventricosa	Kütz.	1844	5.0		2		1	MOD 2>1 15	3		0		2
accepted	TFAS	237996	Tabularia fasciculata	(C.Agardh) D.M.Williams & Round	1986	2.0		3		5		2		0		4
accepted	TEMA	262372	Tetracyclus emarginatus	(Ehrenb.) W.Sm.	1856	5.0	ADD 5 2014-	3	ADD 3 2014-	1		1		0		0
accepted	TGLA	237974	Tetracyclus glans	(Ehrenb.) Mills	1935	5.0		3		1		1		0		0
accepted	TPRK	237283	Thalassiosira proschkinae	Makarova	1979	2.3		1		0		0		0		5
accepted	TPSN	237284	Thalassiosira pseudonana	Hasle & Heimdal	1970	2.0		2		5	ADD 5 2014-	1	ADD 1 2014-	0		4
accepted	TASP	1010376	Thalassiosira sp.	Cleve		2.6		1		0		0		0		0
accepted	TWEI	237290	Thalassiosira weissflogii	(Grunow) G.A.Fryxell & Hasle	1977	2.0		2		0		0		0		4
accepted	TAER	262371	Tryblionella aerophila	(Hust.) D.G.Mann	1990	3.0	MOD > 0 201	2	MOD > 0 201	4		1		0	MOD > 0 20	0
accepted	TANG	237694	Tryblionella angustata	W.Sm.	1853	3.8	** MOD form	3	** MOD from	4		1		0	*ADD 0 2016	3
accepted	TAPI	237695	Tryblionella apiculata	W.Greg.	1857	2.4		2		4		1		1		4
accepted	TCAL	262370	Tryblionella calida	(Grunow) D.G.Mann	1990	2.3		2		4		1		1		0
accepted	TCOA	237697	Tryblionella coarctata	(Grunow) D.G. Mann	1990	2.0		3		4		1		1		5
accepted	TDEB	237698	Tryblionella debilis	Arn. ex O'Meara	1873	2.0		2		4		1		1		4
accepted	THUN	237700	Tryblionella hungarica	(Grunow) D.G.Mann	1990	2.2		2		5	MOD 4>5 15	1		1		4
accepted	TLEV	237701	Tryblionella levidensis	W.Sm.	1856	2.0		2		4		1		1		4
accepted	TLIT	237702	Tryblionella littoralis	(Grunow) D.G.Mann	1990	2.0		2		4		1		1	MOD > 1 20	4
accepted	TSAL	237707	Tryblionella salinarum	(Grunow) Pelletan		2.3	MOD 2>2,3 1	2		4		1		0		4
accepted	UBIC	238002	Ulnaria biceps	(Kütz.) Compère	2001	3.0		1		3		1		0		4
accepted	UCAP	263352	Ulnaria capitata	(Ehrenb.) Compère		4.0		3		4		1		0		4
accepted	UDAN	256822	Ulnaria danica	(Kütz.) Compère & Bukht.	2006	4.0		1		3		1		0		4
accepted	ULNS	1016145	Ulnaria sp.	(Kütz.) Compère		0.0		0		0		0		0		0
accepted	UUAN	256819	Ulnaria ulna Sippe angustissima	(Grunow) Lange-Bert.	1991	4.0		1		4	* (base2009 l	1	* (base2009 l	0		4
accepted	UUAC	248618	Ulnaria ulna var. acus	(Kütz.) Lange-Bert.	2001	4.0		1		4		1		0		4
accepted	UULN	248616	Ulnaria ulna var. ulna	(Nitzsch) P. Compère	2001	3.0		1		3		1		0		4
accepted	UNID	5000058	unidentified taxa		2007	0.0		0		0		0		0		0