



**MSFD Guiding  
Improvements in the Black  
Sea  
Integrated Monitoring  
System**



# **Black Sea PHYTOPLANKTON CHECK-LIST**

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### Abbreviations used:

Black Sea countries	
BG	BULGARIA
GE	GEORGIA
RO	ROMANIA
RU	RUSSIAN FEDERATION
TR	TURKEY
UA	UKRAINE

### Acknowledgements:

Special thanks are given to each of the author, for their participation in establishing the list of non-native phytoplankton species for the Black Sea.

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# Phytoplankton diversity:

Phytoplankton as the foundation of marine trophic chain is among the best indicators for assessment of the state of eutrophication. Nutrient enrichment/eutrophication often gives rise to shifts in phytoplankton species composition (e.g. from diatoms to dinoflagellates) and an increase in the frequency and/or magnitude and/or duration of phytoplankton (including nuisance/potentially toxic) blooms (SoE, 2001-2006/07).

This check list comprises 1,580 microalgae species pertaining to 10 classes (Bacillariophyceae, Dinophyceae, Prymnesiophyceae, Chlorophyceae, Euglenophyceae, Cyanophyceae, Cryptophyceae, Dictyophyceae, Synurophyceae, Xanthophyceae), meaning 2.1 times higher than that documented and compiled by many sources for the period 2001-2006 (750 phytoplankton species) (SoE, 2001-2006/07).

The Diatoms (613 species) and Dinophyceae (614 species) constitute bulk of the phytoplankton pool, meaning 39% from the total; the Chlorophyceae class occupies the third position, with 152 species, meaning 9.6% (Fig. 1). Three algae groups – Dictyochophyceae, Synurophyceae and Xanthophyceae contribute with only 4 maximum 16 species that is 1- 0.3-1.0%.

The highest number of species belongs to the Family Gymnodiniaceae, Class Dinoflagellata (136), followed by Family Peridiniaceae and Ceratiaceae, with 76 and 65 species respectively. Comparatively, among Bacillariophyceae only the Family Bacillariophyceae contains a high number of species (74).

Although a part of this increase was related to improved sampling strategy, microscope quality, frequency and regions of sampling, changing environmental conditions and introduction of exotic species also played a role. For instances species from Cryptophyceae and Choanoflagellates groups have not been reported at all before 1980s. The presence of rare and new Bacillariophyceae (*Thalassiotrix longissima*, *Th. antarctica*, *Lioloma elongatum*, *L. pacificum*, *Triblionella acuminata*), Dinophyceae (*Ceratium furca* var. *bergii*, *Ceratium furca* var. *eugramma*, *Cochlodinium archimedes*, *C. citron*, *Kofooidinium lebourae*), a number of Gymnodinium species (*Gymnodinium canus*, *G. cintum*, *G. dominans*, *Gymnodinium fuscum* etc.), Gyrodinium (*Gyrodinium spirale*), and numerous Cryptophyceae (mainly from genus *Chroomonas*, *Cryptomonas*, *Rhodomonas*, *Leucocryptos* etc), Chlorophyceae (*Kirchneriella*, *Trochiscia*, *Treubaria*), Chrysophyceae (*Braarudosphaera bigelowi*, *Octactis octonaria*, *Calciosolenia granii* v. *cylindrotheca*, etc.), and different microflagellates add significantly to the diversification of phytoplankton assembly (SoE, 2001-2006/2007).

Owing to considerable differences in hydrological and hydrochemical properties, phytoplankton composition differed considerably in different parts of the sea. In particular, the shallow, less saline and heavily eutrophied northwestern part of the sea sustained large number of brackish and freshwater species as compared with other parts (SoE, 2001-2006/07).

The checklist for Black Sea phytoplankton species gives the taxonomic group (class, order, family, genus), accepted name (WORMS Revised) (with authors and year), species not found in WoRMS, AphiaID, Synonymised taxa, distribution in the Bulgaria, Romania and Turkey waters.

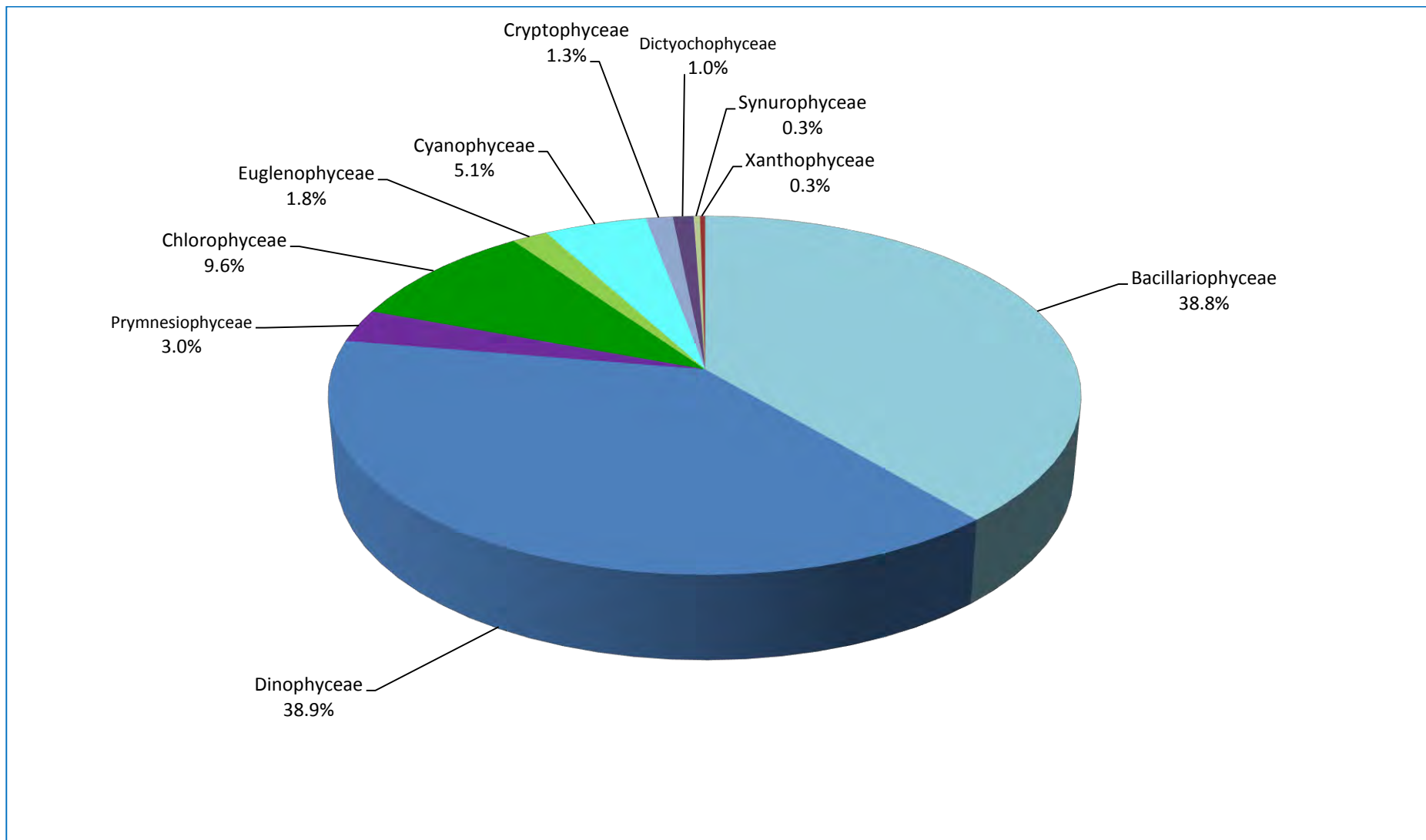


Fig.1. Phytoplankton community structure - Romanian, Bulgarian and Turkish waters

# Black Sea phytoplankton check list

Order	Family	Genus	Accepted name (WORMS Revised )	Species not found in WoRMS	AphiaID	Synonymised taxa	BG	GE	RO	RU	TR	UA
<b>Bacillariophyceae</b>												
Achnanthes	Achnantheaceae	Achnanthes	<i>Achnanthes brevipes</i> C.A. Agardh, 1824		149387	<i>Achnanthea brevipes</i> (Agardh) Gaillon, 1833 <i>Achnantheidium brevipes</i> (Agardh) Heiberg, 1863 <i>Achnantheidium brevipes</i> (Agardh) Cleve, 1895	*		*		*	
Achnanthes	Achnantheaceae	Achnanthes	<i>Achnanthes brevipes</i> var. <i>intermedia</i> (Kützing) P.T. Cleve, 1895		160618	<i>Achnanthes intermedia</i> Kützing, 1833 <i>Achnanthes subsessilis</i> Kützing, 1833			*			
Achnanthes	Achnantheaceae	Achnanthes	<i>Achnanthes fimbriata</i> (Grunow) R. Ross, 1963		160625	<i>Achnanthes mamifera</i> Brun <i>Achnanthes stroemii</i> Hustedt, 1933 <i>Schizostauron fimbriatum</i> Grunow, 1867			*			
Achnanthes	Achnantheaceae	Achnanthes	<i>Achnanthes longipes</i> C. Agardh, 1824		156533		*		*		*	
Achnanthes	Achnantheaceae	Achnanthes	<i>Achnanthes lyrata</i> Pr.-Lavr.		590718				*			
Achnanthes	Achnantheaceae	Achnanthes	<i>Achnanthes parvula</i> Kützing, 1844		149193	<i>Achnanthes brevipes</i> var. <i>parvula</i> (Kützing) Cleve, 1895					*	
Achnanthes	Achnantheaceae	Planothidium	<i>Planothidium hauckianum</i> (Grunow) Round & Bukhtiyarova, 2008		613539	<i>Achnantheiopsis hauckiana</i> (Grunow) Lange-Bertalot, 1997 <i>Achnanthes delicatula hauckiana</i> (Grunow) Lange-Bertalot & Ruppel, 1980 <i>Achnanthes fonticola</i> Hustedt, 1945 <i>Achnanthes hauckiana</i> Grunow, 1880 <i>Achnanthes hauckiana</i> var. <i>elliptica</i> Schulz, 1926 <i>Achnanthes hauckiana</i> var. <i>elliptica</i> Schulz ex Hustedt, 1930 <i>Achnantheidium hauckianum</i> (Grunow) D.B.Czarnecki, 1994 <i>Microneis hauckiana</i> (Grunow) Cleve, 1895			*			
Achnanthes	Achnantheaceae	Planothidium	<i>Planothidium hauckianum</i> var. <i>rostratum</i> (Schulz ex Hustedt) N.A.Andresen, E.F.Stoermer & R.G.Kreis, Jr., 2000		672228	<i>Achnanthes delicatula</i> var. <i>rostrata</i> (Schulz) Cleve-Euler, 1932 <i>Achnanthes hauckiana</i> var. <i>rostrata</i> Schulz, 1926 <i>Achnanthes hauckiana</i> var. <i>rostrata</i> Schulz ex Hustedt, 1930 <i>Planothidium hauckianum</i> var. <i>rostratum</i> (Schulz) Bukhtiyarova, 1999			*			
Achnanthes	Achnantheaceae	Achnanthes		<i>Achnanthes bacescui</i> Bodeanu					*			
Achnanthes	Achnantheaceae	Achnanthes	<i>Achnanthes lanceolata</i> var. <i>rostrata</i> Hustedt, 1911		160634				*			
Achnanthes	Achnantheaceae	Achnantheidium	<i>Achnantheidium coarctatum</i> Brébisson ex W.Smith 1855		179011	<i>Achnanthes coarctata</i> (Brébisson) Grunow, 1880					*	

Order	Family	Genus	Accepted name (WORMS Revised )	Species not found in WoRMS	AphiaID	Synonymised taxa	BG	GE	RO	RU	TR	UA
Achnanthes	Achnanthesiaceae	Achnanthes	<i>Achnanthes minutissima</i> (Kützing) Czarnecki, 1994		163594	<i>Achnanthes cryptocephala</i> (Grunow) M.Peragallo, 1897 <i>Achnanthes microcephala</i> (Kützing) Grunow, 1880 <i>Achnanthes microcephala</i> (Kützing) Cleve, 1895 <i>Achnanthes minutissima</i> Kützing, 1833 <i>Achnanthes minutissima</i> f. curta Grunow, 1880 <i>Achnanthes minutissima</i> var. <i>cryptocephala</i> Grunow, 1880 <i>Achnanthes lanceolatum</i> f. <i>minutissima</i> (Kützing) Tömösvary, 1879 <i>Achnanthes microcephala</i> Kützing, 1844 <i>Cocconeis microcephala</i> (Kützing) Schonfeldt, 1907 <i>Cocconeis minutissima</i> (Kützing) Schönfeldt, 1907 <i>Microneis microcephala</i> (Kützing) Cleve, 1895 <i>Microneis microcephala</i> (Kützing) Meister, 1912 <i>Microneis minutissima</i> (Kützing) Meister, 1912 <i>Microneis minutissima</i> (Kützing) Cleve, 1895 <i>Microneis minutissima</i> var. <i>cryptocephala</i> (Grunow) Cleve, 1895 <i>Schizonema microcephalum</i> (Kützing) Kuntze, 1898			*		*	
Achnanthes	Cocconeidaceae	Cocconeis	<i>Cocconeis distans</i> Gregory, 1855		156538	<i>Cocconeis granulifera</i> Greville, 1861 <i>Cocconeis scutellum</i> var. <i>distans</i> (Gregory) Grunow, 1867 <i>Cocconeis villosa</i> H.Peragallo, 1888			*			
Achnanthes	Cocconeidaceae	Cocconeis	<i>Cocconeis maxima</i> (Grun.) H. et M. Perag. 1897		179562	<i>Mastogloia maxima</i> Grunow, 1863			*			
Achnanthes	Cocconeidaceae	Cocconeis	<i>Cocconeis notata</i> Petit, 1877		179568				*			
Achnanthes	Cocconeidaceae	Cocconeis	<i>Cocconeis pediculus</i> Ehrenberg, 1838		149377	<i>Cocconeis communis</i> f. <i>pediculus</i> (Ehrenberg) Chmielewski, 1885 <i>Cocconeis communis</i> var. <i>pediculus</i> (Ehrenberg) O.Kirchner, 1878 <i>Encyonema caespitosum</i> var. <i>pediculus</i> (Ehrenberg) De Toni, 1891			*		*	
Achnanthes	Cocconeidaceae	Cocconeis	<i>Cocconeis placentula</i> Ehrenberg, 1838		148990	<i>Cocconeis communis</i> f. <i>placentula</i> (Ehrenberg) Chmielewski, 1885 <i>Cocconeis communis</i> var. <i>placentula</i> (Ehrenberg) O.Kirchner, 1878 <i>Cocconeis pediculus</i> var. <i>placentula</i> (Ehrenberg) Grunow, 1867			*		*	

Order	Family	Genus	Accepted name (WORMS Revised )	Species not found in WoRMS	AphiaID	Synonymised taxa	BG	GE	RO	RU	TR	UA
Achnanthes	Cocconeidaceae	Cocconeis	<i>Cocconeis placentula</i> var. <i>euglypta</i> (Ehrenberg) Grunow, 1884		163874	<i>Cocconeis euglypta</i> Ehrenberg, 1854 <i>Cocconeis lineata</i> var. <i>euglypta</i> (Ehrenberg) Grunow, 1880 <i>Cocconeis lineata</i> var. <i>euglypta</i> (Ehrenberg) Grunow, 1880 <i>Cocconeis placentula</i> f. <i>euglypta</i> (Ehrenberg) Hustedt, 1957 <i>Cocconeis placentula</i> var. <i>euglypta</i> (Ehrenberg) Cleve, 1895 <i>Cyclotella lineata</i> var. <i>euglypta</i> Gutwinski, 1895			*			
Achnanthes	Cocconeidaceae	Cocconeis	<i>Cocconeis placentula</i> var. <i>lineata</i> (Ehrenberg) Van Heurck, 1885		163878	<i>Cocconeis lineata</i> Ehrenberg, 1843 <i>Cocconeis placentula</i> f. <i>lineata</i> (Ehrenberg) Hustedt, 1957 <i>Cocconeis placentula</i> var. <i>lineata</i> (Ehrenberg) P.Cleve, 1895			*			
Achnanthes	Cocconeidaceae	Cocconeis	<i>Cocconeis scutellum</i> Ehrenberg, 1838		149376		*		*		*	
Achnanthes	Cocconeidaceae	Cocconeis	<i>Cocconeis scutellum</i> var. <i>minutissima</i> Grunow in Van Heurck, 1880		163882				*			
Achnanthes	Cocconeidaceae	Cocconeis	<i>Cocconeis scutellum</i> var. <i>parva</i> (Grunow in Van Heurck) P.T. Cleve, 1896		163883	<i>Cocconeis scutellum</i> f. <i>parva</i> Grunow in Van Heurck, 1880			*			
Achnanthes	Cocconeidaceae	Cocconeis		<i>Cocconeis pseudodebesii</i> Pr.-Lavr.					*			
Achnanthes	Cocconeidaceae	Cocconeis Ehrenberg, 1838	<i>Cocconeis</i> sp.		148989		*		*			
Achnanthes	Achnanthidiaceae	Planothidium	<i>Planothidium lanceolatum</i> (Brébisson ex Kützing) Lange-Bertalot, 1999		623350	<i>Achnantheiopsis lanceolata</i> (Brébisson ex Kützing) Lange-Bertalot, 1997 <i>Achnanthes lanceolata</i> (Brébisson ex Kützing) Grunow, 1880 <i>Achnanthes lanceolata</i> f. <i>ventricosa</i> (Hustedt) Vanlandingham, 1967 <i>Achnanthes lanceolata</i> var. <i>ventricosa</i> Hustedt, 1914 <i>Achnanthidium lanceolatum</i> Brébisson ex Kützing, 1846 <i>Achnanthidium lanceolatum</i> var. <i>inflatum</i> A.Mayer, 1913 <i>Achnanthidium lanceolatum</i> var. <i>ventricosum</i> (Hustedt) Poretsky, 1924 <i>Microneis lanceolata</i> (Brébisson ex Kützing) Frenguelli, 1923 <i>Microneis lanceolata</i> f. <i>ventricosa</i> (Hustedt) Schulz, 1928 <i>Planothidium lanceolatum</i> (Brébisson ex Kützing) Round & L.Bukhtiyarova, 1996 <i>Planothidium lanceolatum</i> (Brébisson ex Kützing) Bukhtiyarova, 1999 <i>Planothidium lanceolatum</i> f. <i>ventricosa</i> (Hustedt) Bukhtiyarova, 1999 (synonym			*			



Order	Family	Genus	Accepted name (WORMS Revised )	Species not found in WoRMS	AphiaID	Synonymised taxa	BG	GE	RO	RU	TR	UA
Asterolamprales	Asterolampraceae	Asteromphalus	<i>Asteromphalus flabellatus</i> (Brébisson) Greville, 1859		162255	<i>Spatangidium flabellatum</i> Brébisson, 1857			*			
Asterolamprales	Asterolampraceae	Asteromphalus	<i>Asteromphalus robustus</i> Castr.		577365				*		*	
Aulacoseirales	Aulacoseiraceae	Aulacoseira	<i>Aulacoseira epidendron</i> (Ehrenberg) R.M.Crawford, 1981		179307	<i>Melosira roeseana</i> (Rabenh.) <i>Melosira roeseana</i> var. <i>roeseana</i> (Rabenh.)			*			
Aulacoseirales	Aulacoseiraceae	Aulacoseira	<i>Aulacoseira granulata</i> (Ehrenberg) Simonsen, 1979		148961	<i>Gallionella granulata</i> Ehrenberg, 1843 <i>Melosira granulata</i> (Ehrenberg) Ralfs, 1861 <i>Melosira granulata</i> var. <i>granulata</i> <i>Melosira punctata</i> (W; Sm.)			*		*	
Aulacoseirales	Aulacoseiraceae	Aulacoseira	<i>Aulacoseira granulata</i> var. <i>angustissima</i> (O. Müller) Simonsen, 1979		162865	<i>Melosira granulata</i> var. <i>angustissima</i> O. Müller, 1899			*		*	
Aulacoseirales	Aulacoseiraceae	Aulacoseira	<i>Aulacoseira islandica</i> (O.Müller) Simonsen, 1979		149648	<i>Melosira islandica</i> O. Müller, 1906			*			
Aulacoseirales	Aulacoseiraceae	Aulacoseira	<i>Aulacoseira italica</i> (Ehrenberg) Simonsen, 1979		162877	<i>Gallionella italica</i> Ehrenberg, 1838 <i>Melosira italica</i> (Ehrenberg) Kützing, 1844			*			
Bacillariales	Bacillariaceae	Bacillaria	<i>Bacillaria paxillifera</i> (O.F.Müller) T.Marsson, 1901		558243	<i>Bacillaria paradoxa</i> J.F.Gmelin, 1791 <i>Bacillaria paxillifer</i> (O.F.Müller) T.Marsson, 1901 <i>Nitzschia paradoxa</i> (J.F.Gmelin) Grunow, 1880 <i>Nitzschia paxillifer</i> (O.F.Müller) Heiberg, 1863 <i>Vibrio paxillifer</i> O.F.Müller, 1786	*		*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia acicularis</i> (Kützing) W. Smith, 1853		149046	<i>Homoeocladia acicularis</i> (Kützing) Kuntze, 1898 <i>Nitzschiella acicularis</i> (Kützing) Rabenhorst, 1864 <i>Synedra acicularis</i> Kützing, 1844			*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia amphibia</i> Grunow, 1862		149598				*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia bilobata</i> W. Smith, 1853		149587				*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia capitellata</i> Hustedt in A. Schmidt, 1922		175380				*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia clausii</i> Hantzsch, 1860		175381	<i>Nitzschia curvula</i> var. <i>subcapitata</i> Rabenhorst, 1864 <i>Nitzschia sigma</i> var. <i>clausii</i> (Hantzsch) Grunow, 1878					*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia communis</i> Rabenhorst, 1860		175382				*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia commutata</i> Grunow, 1880		149586	<i>Nitzschia pseudoamphioxys</i> Hustedt					*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia constricta</i> (Gregory) Grunow in Cleve & Grunow, 1880		176400				*			

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Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia dissipata</i> (Kützing) Grunow, 1862		149212	Homoeocladia dissipata (Kützing) Kuntze, 1898 <i>Nitzschia dissipata</i> (Kützing) Rabenhorst, 1860 <i>Nitzschia palea</i> f. <i>dissipata</i> (Kützing) Rabenhorst, 1864 <i>Nitzschia palea</i> var. <i>dissipata</i> (Kützing) Schonfeldt, 1907 <i>Synedra dissipata</i> Kützing, 1844			*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia distans</i> W. Gregory, 1857		149590				*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia holsatica</i> Hust		175438	<i>Nitzschia actinastroides</i> (Lemmermann) van Goor, 1925 <i>Nitzschia intermedia</i> f. <i>actinastroides</i> (Lemmermann) Lange-Bertalot, 1980 <i>Synedra actinastroides</i> Lemmermann, 1900	*		*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia hybrida</i> Grunow in Cleve & Grunow, 1880		175419				*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia incerta</i> (Grunow) M.Peragallo, 1903		576993	<i>Nitzschia lorenziana</i> var. <i>incerta</i> Grunow			*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia lanceolata</i> var. <i>minor</i> Van Heurck		590737				*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia lanceolata</i> W. Smith		149597				*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia linearis</i> (C.A. Agardh) W. Smith, 1853		149594	<i>Frustulia linearis</i> C. Agardh			*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia linearis</i> var. <i>subtilis</i> (Grunow) Hustedt, 1923		467118	<i>Nitzschia subtilis</i> (Kützing) Grunow in Cleve & Grunow, 1880			*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia longissima</i> (Brébisson in Kützing) Ralfs in Pritchard, 1861		149150	<i>Ceratoneis longissima</i> Brébisson, 1849 <i>Nitzschia birostrata</i> W.Smith, 1853 <i>Nitzschia longissima</i> (Brébisson) Rabenhorst	*		*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia lorenziana</i> Grunow in Cleve & Grunow, 1880		175425	<i>Nitzschia lorenziana</i> var. <i>subtilis</i> Grunow in Cleve & Grunow, 1880			*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia nana</i> Grunow in van Heurck 1881		175427	<i>Nitzschia ignorata</i> Krasske, 1929					*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia obtusa</i> W. Smith, 1853		149607	<i>Bacillaria obtusa</i> (W.Smith) Elmore, 1895	*		*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia ovalis</i> H.J.Arnott 1880		175430						*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia palea</i> (Kützing) W. Smith, 1856		149601	<i>Synedra palea</i> Kützing, 1844 <i>Homoeocladia palea</i> (Kützing) Kuntze, 1898			*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia paleacea</i> (Grunow) Grunow in Van Heurck, 1881		175435	<i>Nitzschia subtilis</i> var. <i>paleacea</i> Grunow in Cleve & Grunow, 1880			*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia pusilla</i> (Kützing) Grunow, 1862 emend. Lange-Bertalot, 1976		175443	<i>Synedra pusilla</i> Kützing, 1844			*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia recta</i> Hantzsch in Rabenhorst, 1862		149595	<i>Nitzschia vitrea</i> var. <i>recta</i> (Hantzsch; Grunow) van Heurck, 1885			*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia rectilonga</i> Takano, 1983		549214						*	

Order	Family	Genus	Accepted name (WORMS Revised )	Species not found in WoRMS	AphiaID	Synonymised taxa	BG	GE	RO	RU	TR	UA
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia sicula</i> (Castracane) Hustedt		341379	<i>Nitzschia migrans</i> Cleve <i>Pseudo-nitzschia sicula</i> (Castracane) H.Peragallo <i>Pseudo-nitzschia sicula</i> var. <i>migrans</i> (Cleve) H.Peragallo <i>Synedra sicula</i> Castercane					*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia sigma</i> (Kützing) W. Smith, 1853		149213	<i>Synedra sigma</i> Kützing, 1844 <i>Homoeocladia sigma</i> (Kützing) Kuntze, 1898 <i>Sigmatella sigma</i> (Kützing) Frenguelli, 1923			*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia sigmoidea</i> (Nitzsch) W. Smith, 1853		149604	<i>Bacillaria sigmoidea</i> Nitzsch, 1817 <i>Cymbella sigmoidea</i> (Nitzsch) C.Agardh, 1830 <i>Frustulia sigmoidea</i> (Nitzsch) Jenner, 1845 <i>Homoeocladia sigmoidea</i> (Nitzsch) Elmore, 1921 <i>Nitzschia elongata</i> Hassal, 1845 <i>Synedra sigmoidea</i> (Nitzsch) Kützing, 1844			*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia spathulata</i> W. Smith, 1853		149592				*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia sublinearis</i> Hustedt, 1930		175454				*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia tenuirostris</i> Mereschkowsky.		418215		*		*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia tryblionella</i> Hantzsch in Rabenhorst, 1860		149214	<i>Homoeocladia tryblionella</i> (Hantzsch) Kuntze, 1898 <i>Surirella gracilis</i> (W.Smith) Grunow, 1862 <i>Tryblionella gracilis</i> W.Smith, 1853 <i>Tryblionella hantzschiana</i> Grunow, 1862 <i>Tryblionella hantzschiana</i> var. <i>australica</i> Playfair <i>Tryblionella hantzschiana</i> var. <i>calida</i> (Grunow) Van Heurck <i>Tryblionella hantzschiana</i> var. <i>maxima</i> (Grunow) Frenguelli, 1938 <i>Tryblionella hantzschiana</i> var. <i>minor</i> Playfair <i>Tryblionella hantzschiana</i> var. <i>ovata</i> (Lagerstedt) Playfair <i>Tryblionella tryblionella</i> (Hantzsch) Prochazka, 1923			*		*	
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia umbonata</i> (Ehrenberg) Lange-Bertalot 1978		175455	<i>Navicula umbonata</i> Ehrenberg, 1837 <i>Nitzschia diducta</i> Hustedt, 1938 <i>Nitzschia fossalis</i> Hustedt, 1942 <i>Nitzschia stagnorum</i> Rabenhorst, 1860 <i>Surirella umbonata</i> (Ehrenberg) G.L.Rabenhorst, 1853						*
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia vermicularis</i> (Kützing) Hantzsch in Rabenhorst, 1860 (1859)		175458				*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia vidovichii</i> Grunow		590738				*			

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Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia vitrea</i> G. Norman, 1861		149596	<i>Homoeocladia vitrea</i> (Norman) Kuntze, 1898 <i>Nitzschia linearis</i> var. <i>vitrea</i> (Norman) Hustedt, 1909			*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia amphiplectans</i> Hustedt							*	
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia constricta</i> v. <i>subconstricta</i> Grun.					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia flexa</i> Schumann 1862							*	
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia hungarica</i> v. <i>pantocsekii</i> Wisl. et. Poretzky					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia hybrida</i> f. <i>hyalina</i> Pr.-Lavr.					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia kutzingiana</i> f. <i>hyalina</i> Bodeanu					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia lanceolata</i> v. <i>minima</i> V.H.					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia palea</i> f. <i>astriata</i> Bodeanu					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia palea</i> v. <i>capitata</i> Wisl. et Poretzky.					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia panduriformis</i> v. <i>delicatula</i> Grun.					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia panduriformis</i> v. <i>minor</i> Grun.					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia punctata</i> v. <i>coarctata</i> Grun.					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia punctata</i> v. <i>elongata</i> Grun.					*			
Bacillariales	Bacillariaceae	Nitzschia	<i>Nitzschia pungens</i> v. <i>atlantica</i> Cleve		593887				*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia rupestris</i> Pr.-Lavr.					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia</i> sp.1 Pr.-Lavr.					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia</i> sp.2 Pr.-Lavr.					*			
Bacillariales	Bacillariaceae	Nitzschia		<i>Nitzschia</i> sp.3 Pr.-Lavr.					*			
Bacillariales	Bacillariaceae	Psammodictyon	<i>Psammodictyon panduriforme</i> (Greg.) Mann		149217	<i>Nitzschia panduriformis</i> W. Gregory, 1857			*		*	
Bacillariales	Bacillariaceae	Pseudo-nitzschia	<i>Pseudo-nitzschia australis</i> Frenguelli 1939		246604	<i>Nitzschia pseudoseriata</i> G.R.Hasle, 1965					*	
Bacillariales	Bacillariaceae	Pseudo-nitzschia	<i>Pseudo-nitzschia calliantha</i> Lundholm, Moestrup & Hasle, 2003		246605						*	
Bacillariales	Bacillariaceae	Pseudo-nitzschia	<i>Pseudo-nitzschia delicatissima</i> (P.T. Cleve, 1897) Heiden, 1928		149153	<i>Homoeocladia delicatissima</i> (Cleve) Meunier <i>Nitzschia actydropbila</i> Hasle, 1965 <i>Nitzschia delicatissima</i> Cleve, 1897	*		*		*	
Bacillariales	Bacillariaceae	Pseudo-nitzschia	<i>Pseudo-nitzschia fraudulenta</i> (Cleve) Hasle, 1993		246606	<i>Nitzschia fraudulenta</i> Cleve, 1897 <i>Pseudo-nitzschia seriata</i> var. <i>fraudulenta</i> (Cleve) H.Peragallo, 1897					*	

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Bacillariales	Bacillariaceae	Pseudo-nitzschia	<i>Pseudo-nitzschia prolongatoides</i> (G.R.Hasle) G.R.Hasle, 1993		411766	<i>Nitzschia prolongatoides</i> G.R.Hasle, 1965 <i>Pseudonitzschia prolongatoides</i> (spelling variation)					*	
Bacillariales	Bacillariaceae	Pseudo-nitzschia	<i>Pseudo-nitzschia pseudodelicatissima</i> (Hasle) Hasle, 1993		156548	<i>Nitzschia delicatula</i> Hasle, 1965 <i>Nitzschia pseudodelicatissima</i> Hasle, 1976					*	
Bacillariales	Bacillariaceae	Pseudo-nitzschia	<i>Pseudo-nitzschia pungens</i> (Grunow ex P.T. Cleve, 1897) Hasle, 1993		160528	<i>Nitzschia pungens</i> Grunow ex Cleve, 1897	*				*	
Bacillariales	Bacillariaceae	Pseudo-nitzschia	<i>Pseudo-nitzschia seriata</i> (P.T. Cleve, 1883) H. Peragallo in H. & M. Peragallo, 1900		149152	<i>Nitzschia seriata</i> P.T. Cleve, 1883	*		*			
Bacillariales	Bacillariaceae	Pseudo-nitzschia	<i>Pseudo-nitzschia</i> sp.		149151		*					
Bacillariales	Bacillariaceae	Tryblionella	<i>Tryblionella granulata</i> (Grunow) D.G.Mann, 1990		418228	<i>Nitzschia granulata</i> Grunow, 1880			*			
Bacillariales	Bacillariaceae	Tryblionella	<i>Tryblionella acuminata</i> W. Smith, 1853		176386	<i>Nitzschia acuminata</i> (W. Smith) Grunow, 1878	*		*			
Bacillariales	Bacillariaceae	Tryblionella	<i>Tryblionella debilis</i> Arnott in O'Meara 1873		176411	<i>Homoeocladia debilis</i> (Arnott ex O'Meara) Kuntze, 1898 <i>Nitzschia debilis</i> (Arnott) Grunow, 1880 <i>Nitzschia tryblionella</i> var. <i>debilis</i> (Arnott) Hustedt, 1913			*			
Bacillariales	Bacillariaceae	Tryblionella	<i>Tryblionella levidensis</i> W. Smith, 1856		176420	<i>Nitzschia levidensis</i> (W. Smith) Grunow in Van Heurck, 1881 <i>Nitzschia tryblionella</i> var. <i>levidensis</i> (W. Smith) Grunow in Cleve & Grunow, 1880			*			
Bacillariales	Bacillariaceae	Tryblionella	<i>Tryblionella victoriae</i> Grunow, 1862		176544	<i>Nitzschia levidensis</i> var. <i>victoriae</i> (Grunow) Cholnoky, 1956 <i>Nitzschia spectabilis</i> var. <i>victoriae</i> (Grunow) Lak, 1954 <i>Nitzschia tryblionella</i> var. <i>victoriae</i> (Grunow) Grunow, 1879 <i>Nitzschia victoriae</i> (Grunow) Cleve, 1898 <i>Tryblionella hantzschiana</i> var. <i>victoriae</i> (Grunow) Playfair, 1914 <i>Tryblionella tryblionella</i> var. <i>victoriae</i> (Grunow) Radzimowsky, 1928			*			
Bacillariales	Bacillariaceae	Hantzschia	<i>Hantzschia amphioxys</i> (Ehrenberg) Grunow in Cleve & Grunow, 1880		149572	<i>Eunotia amphioxys</i> Ehrenberg, 1843 <i>Hantzschia abundans</i> Lange-Bertalot, 1993 <i>Hantzschia amphioxys</i> var. <i>genuina</i> Grunow, 1884 <i>Homoeocladia amphilepta</i> (Ehrenberg) Kuntze, 1898 <i>Homoeocladia amphioxys</i> (Ehrenberg) Kuntze, 1898 <i>Nitzschia amphioxys</i> (Ehrenberg) W.Smith, 1853			*		*	
Bacillariales	Bacillariaceae	Hantzschia	<i>Hantzschia amphioxys</i> var. <i>amphioxys</i> f. <i>capitata</i> O. Müll., 1909		180347				*			

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Bacillariales incertae sedis	Bacillariales incertae sedis	Grunowia	<i>Grunowia solgensis</i> (Cleve-Euler) M.Aboal, 2003		621215	<i>Denticula denticula</i> var. <i>delognei</i> (Grunow) Schonfeldt, 1907 <i>Denticula interrupta</i> Reichelt, 1898 <i>Grunowia moissacensis</i> Héribaud-Joseph, 1903 <i>Nitzschia denticula</i> var. <i>delognei</i> Grunow, 1881 <i>Nitzschia interrupta</i> (Reichelt) Hustedt, 1927 <i>Nitzschia moissacensis</i> (Héribaud-Joseph) Comber, 1901 <i>Nitzschia sinuata</i> var. <i>delognei</i> (Grunow) Lange-Bertalot, 1980 <i>Nitzschia solgensis</i> Cleve-Euler, 1952					*	
Bacillariophyceae incertae sedis	Bacillariophyceae incertae sedis	<i>Bacteriosira</i> , Gran, 1900	<i>Bacteriosira bathyomphala</i> (Cleve) Syvertsen & Hasle, 1993		162927	<i>Bacteriosira fragilis</i> (Gran) Gran, 1900 <i>Coscinodiscus bathyomphalus</i> Cleve, 1883 <i>Lauderia fragilis</i> Gran, 1897	*					
Bicoecida	Bicosoecaceae	<i>Bicosoeca</i>	<i>Bicosoeca mediterranea</i> Pavillard, 1916		103999						*	
Biddulphiales	Biddulphiaceae	<i>Biddulphia</i>	<i>Biddulphia antediluviana</i> (Ehrenberg) Van Heurck, 1885		149656	<i>Triceratium antediluvianum</i> (Ehrenberg) Grunow, 1867 <i>Odontella antediluviana</i> (Ehrenberg) M. Peragallo, 1903			*			
Biddulphiales	Biddulphiaceae	<i>Trigonium</i>	<i>Trigonium alternans</i> (J.W.Bailey) A.Mann, 1907		699394	<i>Biddulphia alternans</i> (J.W.Bailey) Van Heurck, 1885 <i>Triceratium alternans</i> J.W.Bailey, 1851					*	
Chaetocerotanae incertae sedis	Attheyaceae	<i>Attheya</i>	<i>Attheya septentrionalis</i> (Østrup) Crawford in Crawford et al., 1994		162823	<i>Chaetoceros glaciale</i> Meunier, 1910 <i>Chaetoceros septentrionalis</i> Østrup, 1895 <i>Gonioceros septentrionalis</i> (Østrup) Round, Crawford & Mann, 1990			*			
Chaetocerotanae incertae sedis	Chaetocerotaceae	<i>Bacteriastrum</i>	<i>Bacillaria socialis</i> (Gregory) Ralfs, 1861		175451				*			
Chaetocerotanae incertae sedis	Chaetocerotaceae	<i>Bacteriastrum</i>	<i>Bacteriastrum delicatulum</i> Cleve, 1897		164108						*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	<i>Bacteriastrum</i>	<i>Bacteriastrum elongatum</i> P.T. Cleve, 1897		162916						*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	<i>Bacteriastrum</i>	<i>Bacteriastrum hyalinum</i> Lauder, 1864		149119		*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	<i>Chaetoceros</i>	<i>Chaetoceros affinis</i> Lauder, 1864		149241	<i>Chaetoceros affine</i> Lauder, 1864 <i>Chaetoceros angulatus</i> F.Schütt, 1895 <i>Chaetoceros javanicus</i> Cleve, 1873 <i>Chaetoceros ralfsii</i> Cleve, 1873 <i>Chaetoceros schuttii</i> Cleve	*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	<i>Chaetoceros</i>	<i>Chaetoceros anastomosans</i> Grunow in Van Heurck, 1882		149292		*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	<i>Chaetoceros</i>	<i>Chaetoceros atlanticus</i> Cleve, 1873		149288	<i>Chaetoceros audax</i> F.Schütt, 1895 <i>Chaetoceros dispar</i> Castracane, 1886 <i>Chaetoceros polygonus</i> F.Schütt, 1895					*	

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Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros brevis</i> F.Schütt, 1895		149291	<i>Chaetoceros hiemale</i> Cleve, 1900 <i>Chaetoceros pseudobreve</i> Pavillard, 1911					*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros calcitrans</i> (Paulsen) Takano, 1968		163013	<i>Chaetoceros simplex</i> var. <i>calcitrans</i> Paulsen, 1905			*			
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros compressus</i> Lauder, 1864		149129	<i>Chaetoceros contortum</i> F.Schütt, 1895 <i>Chaetoceros contortus</i> Schütt, 1895	*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros constrictus</i> Gran, 1897		156609						*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros costatus</i> Pavillard, 1911		149289	<i>Chaetoceros adhaerens</i> Mangin, 1913	*				*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros curvisetus</i> P.T. Cleve, 1889		149221		*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros danicus</i> P.T.Cleve, 1889		149120	<i>Phaeoceros danicus</i> (P.T.Cleve) Hentschel, 1951 <i>Chaetoceros eibenii</i> f. <i>solitaria</i> Woloszyńska, 1935 p.p.	*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros debilis</i> Cleve, 1894		149219	<i>Chaetoceros debile</i> Cleve, 1894 <i>Chaetoceros vermiculatus</i> F.Schütt, 1895					*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros decipiens</i> P.T. Cleve, 1873		149126	<i>Chaetoceros decipens</i> var. <i>grunowii</i> (F.Schütt) Cleve <i>Chaetoceros grunowii</i> F.Schütt, 1895	*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros densus</i> (Cleve) Cleve, 1899		149121	<i>Chaetoceros borealis</i> var. <i>densum</i> Cleve, 1897 <i>Chaetoceros densum</i> (Cleve) Cleve, 1899			*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros diadema</i> (Ehrenberg) Gran, 1897		149128	<i>CChaetoceros distans</i> var. <i>subsecundus</i> Grunow ex Van Heurck, 1880 <i>Chaetoceros groenlandicus</i> Cleve, 1896 <i>Chaetoceros paradoxus</i> Peragallo, 1897 <i>Chaetoceros paradoxus</i> var. <i>ludersii</i> Engler <i>Chaetoceros paradoxus</i> var. <i>subsecunda</i> Van Heurck <i>Chaetoceros ralfsii</i> Schütt, 1896 (illegitimate homonym) <i>Syndendrium diadema</i> Ehrenberg, 1854	*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros didymus</i> Ehrenberg, 1845		149122	<i>Chaetoceros didymum</i> Ehrenb., 1845 (spelling variation)	*				*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros diversus</i> Cleve, 1873		157431	<i>Chaetoceros laeve</i> G. Leuduger- Fortmorel, 1892			*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros dubius</i> Pr.-Lavr.		575740		*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros heterovalvatus</i> Pr.-Lavr.		575741		*		*			
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros holsaticus</i> Schütt, 1895		163063	<i>Chaetoceros balticus</i> Cleve, 1896	*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros insignis</i> Pr.-Lavrenko		575742		*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros lacinosus</i> Schütt, 1895		149228		*		*		*	

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Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros lauderi</i> Ralfs in Lauder, 1864		160523	Chaetoceros weissflogii Schütt, 1895			*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros lorenzianus</i> Grunow, 1863		156617	Chaetoceros cellulosus Lauder, 1864	*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros messanense</i> Castracane, 1875		418509	Chaetoceros furca Cleve, 1897 Chaetoceros messanensis Castracane, 1875					*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros muelleri</i> Lemmermann, 1898		163098	<i>Chaetoceros muelleri</i> var. <i>duplex</i> Lemmermann, 1898 <i>Chaetoceros subsalsus</i> Lemmermann, 1904 <i>Chaetoceros thienemannii</i> Hust. 1925 <i>Chaetoceros zachariasii</i> Honigmann, 1909 <i>Chaetoceros elongatus</i> Honigmann, 1909	*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros neogracilis</i> VanLand., 1968		178207						*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros pendulus</i> Karsten, 1905		248065						*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros peruvianus</i> Brightwell, 1856		178185	<i>Chaetoceros chilensis</i> Krasske, 1941 <i>Chaetoceros convexicorne</i> Mangin, 1919 <i>Chaetoceros convexicornis</i> Mangin, 1919 <i>Chaetoceros peruvianus</i> var. <i>currents</i> Peragallo, 1897 <i>Chaetoceros peruvio-atlanticus</i> Karsten, 1907					*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros protuberans</i> H.S.Lauder, 1864		163055	<i>Chaetoceros didymus</i> var. <i>protuberans</i> (H.S.Lauder) H.H.Gran & K.Yendo, 1914					*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros pseudocurvisetus</i> Mangin, 1910		418513						*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros rigidus</i> Ostf.		575743		*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros scabrosus</i> Pr.-Lavr		575744		*		*			
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros seiracanthus</i> Gran, 1897		163118						*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros similis</i> f. <i>solitarius</i> A.I.Proshkina-Lavrenko		575745		*		*			
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros similis</i> P.T. Cleve, 1896		149127		*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros simplex</i> Ostfeld, 1901		149294		*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros socialis</i> f. <i>radians</i> (F. Schütt) A.I. Proshkina-Lavrenko, 1963		163126	Chaetoceros radians F.Schütt, 1895 Chaetoceros socialis f. <i>vernalis</i> A.I.Proshkina-Lavrenko, 1953			*			
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros socialis</i> Lauder, 1864		149123		*		*		*	



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Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros subtilis</i> P.T. Cleve, 1896		156621		*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros subtilis</i> var. <i>abnormis</i> (Proschkina-Lavrenko) Proschkina-Lavrenko, 1961		163132				*			
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros tenuissimus</i> Meunier, 1913		156623	Chaetoceros simplex var. calcitrans Paulsen, 1905	*				*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros teres</i> P.T. Cleve, 1896		149125		*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	Chaetoceros vistulae C.Apstein		149298						*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros wighamii</i> Brightwell, 1856		160524	<i>Chaetoceros biconcavus</i> Gran, 1897 <i>Chaetoceros bottnicus</i> Cleve, 1896	*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros	<i>Chaetoceros willei</i> Grunow, 1897		156625	<i>Chaetoceros affinis</i> var. <i>willei</i> (Gran) Hustedt, 1930	*		*		*	
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros		<i>Chaetoceros lorenzianus</i> v. <i>solitarius</i> Pr.-Lavr.					*			
Chaetocerotanae incertae sedis	Chaetocerotaceae	Chaetoceros Ehrenberg, 1844	<i>Chaetoceros</i> spp.		148985		*					
Climacospheniales	Climacospheniaceae	Climacosphenia	Climacosphenia elongata Mereschkowsky		418618						*	
Climacospheniales	Climacospheniaceae	Climacosphenia	<i>Climacosphenia moniligera</i> Ehrenberg, 1843		248082						*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus apiculatus</i> Ehrenberg, 1844		149273		*		*			
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus apiculatus</i> var. <i>ambiguus</i> Grun. 1844		179599		*					
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus asteromphalus</i> Ehrenberg, 1844		149274	Coscinodiscus asteromphalus var. conspicua Grunow, 1883 Coscinodiscus asteromphalus var. genuina Grunow, 1884 Coscinodiscus radiatus var. asteromphalus (Ehrenberg) Ehrenberg, 1854			*		*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus centralis</i> Ehrenberg, 1844		149159	Coscinodiscus asteromphalus var. centralis Grunow, 1884 Coscinodiscus oculus-iridis var. tenuistriata Grunow, 1884					*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus commutatus</i> Grunow, 1884		148991	<i>Coscinodiscus jonesianus</i> var. <i>commutatus</i> (Grunow) Hustedt, 1928	*					
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus concinnus</i> W. Smith, 1856		148992				*		*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus gigas</i> Ehrenb. 1841		179605		*				*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus granii</i> Gough, 1905		149271		*		*		*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus janischii</i> Schmidt, 1878		179607		*				*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus jonesianus</i> (Greville) Ostenfeld, 1915		163178	Eupodiscus jonesianus Greville, 1862	*		*		*	

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Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus marginatus</i> Ehrenberg, 1844		156629	<i>Coscinodiscus fimbriatus-limbatus</i> Ehrenberg, 1854 <i>Coscinodiscus limbatus</i> Ehrenberg, 1840					*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus nitidus</i> W. Gregory, 1857		149268		*		*		*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus oculus-iridis</i> Ehrenberg, 1840		341484	<i>Coscinodiscus oculusiridis</i> Ehrenberg, 1840 (spelling variation) <i>Coscinodiscus oculus-iridis</i> var. <i>genuina</i> Grunow, 1884 <i>Coscinodiscus oculus-iridis</i> var. <i>typicus</i> Cleve-Euler, 1942 <i>Coscinodiscus radiatus</i> var. <i>oculus-iridis</i> Ehrenberg, 1840 <i>Coscinodiscus radiatus</i> var. <i>oculus-iridis</i> (Ehrenberg) E. Jörgensen, 1905 <i>Coscinodiscus radiatus</i> var. <i>oculus-iridis</i> (Ehrenberg; Ehrenberg) Van Heurck, 1896			*		*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus perforatus</i> Ehrenberg, 1844		149272		*		*		*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus perforatus</i> var. <i>pavillardii</i> (Forti) Hust., 1928		179616						*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus radiatus</i> Ehrenberg, 1841		149158	<i>Coscinodiscus neoradiatus</i> Cleve-Euler	*		*		*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus symmetricus</i> Greville, 1861		418529						*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus	<i>Coscinodiscus wailesii</i> Gran & Angst, 1931		156632						*	
Coscinodiscales	Coscinodiscaceae	Coscinodiscus Ehrenberg, 1839 emend. Rattray, 1890, Hasle & Sims, 1986	<i>Coscinodiscus</i> sp.		148917		*		*			
Coscinodiscales	Coscinodiscaceae	Stellarima	<i>Stellarima stellaris</i> (Roper) G.R.Hasle & P.A.Sims, 1986		149653	<i>Coscinodiscus stellaris</i> Roper, 1858					*	
Coscinodiscales	Hemidiscaceae	Azpeitia	<i>Azpeitia nodulifera</i> (A.W.F.Schmidt) G.A.Fryxell & P.A.Sims, 1986		149651	<i>Coscinodiscus nodulifer</i> A.W.F.Schmidt, 1878 <i>Coscinodiscus nodulifer</i> var. <i>apiculata</i> A.W.F.Schmidt, 1878 <i>Coscinodiscus radiatus</i> H.L.Smith, 1874					*	
Coscinodiscales	Heliopeltaceae	Actinoptychus	<i>Actinoptychus octonarius</i> (Ehrenberg) Kützing, 1844		149163	<i>Actinocyclus octonarius</i> Ehrenberg, 1837			*		*	
Coscinodiscales	Heliopeltaceae	Actinoptychus	<i>Actinoptychus senarius</i> (Ehrenberg) Ehrenberg, 1843		148948	<i>Actinocyclus senarius</i> Ehrenberg, 1838 <i>Actinocyclus undulatus</i> J.W.Bailey, 1842 <i>Actinocyclus undulatus</i> Kützing, 1844 <i>Actinoptychus undulatus</i> (J.W.Bailey) Ralfs, 1861 <i>Actinoptychus undulatus</i> J.W.Bailey ex Hustedt, 1927					*	

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Coscinodiscales	Hemidiscacea	Actinocyclus	Actinocyclus normanii (Gregory) Hustedt 1957		148945	Coscinodiscus normanii Gregory ex Greville, 1859					*	
Coscinodiscales	Hemidiscacea	Actinocyclus	<i>Actinocyclus octonarius</i> var. <i>ralfsii</i> (W. Smith) Hendeley, 1954		149654	Actinocyclus ehrenbergii var. ralfsii (W. Smith) Hustedt, 1929 Actinocyclus ralfsii (W. Smith) Ralfs, 1861 Coscinodiscus fuscus G. Norman, 1861 Eupodiscus ralfsii W. Smith, 1856			*			
Coscinodiscales	Hemidiscaceae	Actinocyclus	<i>Actinocyclus octonarius</i> var. <i>tenellus</i> (Brébisson) Hendeley, 1954		160650	Actinocyclus ehrenbergii var. tenella (Brébisson) Hustedt, 1929 Actinocyclus tenellus (Brébisson) Grunow, 1867 Eupodiscus tenellus Brébisson, 1854			*			
Cymbellales	Cymbellaceae	Cymbella	<i>Cymbella affinis</i> Kützing, 1844		149547	Cymbella tumidula Grunow, 1875 (synonym)			*		*	
Cymbellales	Cymbellaceae	Cymbella	<i>Cymbella aspera</i> (Ehrenberg) Cleve, 1894		149551	Cocconema asperum Ehrenberg, 1839 Cymbella gastroides (Kützing) Kützing, 1844 Cymbella gastroides (Kützing) Brébisson & Godey, 1835 Cymbella lanceolata var. aspera (Ehrenberg) Brun, 1880 Frustulia gastroides Kützing, 1833			*			
Cymbellales	Cymbellaceae	Cymbella	<i>Cymbella cistula</i> (Hemprich & Ehrenberg) O. Kirchner, 1878		149549	Cocconema cistula (Ehrenberg) Ehrenberg, 1831			*		*	
Cymbellales	Cymbellaceae	Cymbella	<i>Cymbella cymbiformis</i> C.A. Agardh, 1830		149548	Cocconema cistula var. maculata (Kützing) Grunow, 1881 Cymbella cistula var. gibbosa Brun, 1895 Cymbella gibbosa (Brun) Meister, 1912 Cymbella maculata (Kützing) Brébisson & Godey, 1835 Frustulia maculata Kützing, 1833			*		*	
Cymbellales	Cymbellaceae	Cymbella	<i>Cymbella helvetica</i> Kützing, 1844		163973	Cocconema helvetica (Kützing) Schmidt, 1881 Cocconema helveticum (Kützing) West & G.S. West, 1905 Cocconema helveticum (Kützing) Cleve & Grunow, 1880 Cymbella cistula var. lacroixii (Lauby) VanLandingham, 1969 Cymbella gallica Héribaud-Joseph, 1908 Cymbella gastroides var. helvetica (Kützing) Rabenhorst, 1864 Cymbella helvetica f. major (Meister) Cleve-Euler, 1955 Cymbella helvetica var. major Meister, 1912 Cymbella lacroixii Lauby, 1910 Cymbella rigida Frenguelli, 1942			*		*	
Cymbellales	Cymbellaceae	Cymbella	<i>Cymbella hustedtii</i> Krasske, 1923		163974						*	

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Cymbellales	Cymbellaceae	Cymbella	<i>Cymbella tumida</i> (Brébisson) Van Heurck, 1880		163987	Cocconema tumidum Brébisson in Kützing, 1849 , Cymbella stomatophora Grunow, 1875			*		*	
Cymbellales	Cymbellaceae	Cymbella	<i>Cymbella turgida</i> W. Gregory, 1856		149544				*			
Cymbellales	Cymbellaceae	Cymbella	<i>Cymbopleura inaequalis</i> (Ehrenberg) Krammer, 2003 †		621855	<i>Cymbella ehrenbergii</i> Kützing, 1844 † <i>Cymbella inaequalis</i> (Ehrenberg) Rabenhorst, 1847 † <i>Navicula inaequalis</i> Ehrenberg, 1836 † (synonym)					*	
Cymbellales	Cymbellaceae	Cymbella C.A. Agardh, 1830 nom. cons.	<i>Cymbella</i> sp.		149538		*					
Cymbellales	Cymbellaceae	Cymbella	<i>Cymbella lanceolata</i> (C.Agardh) C.Agardh, 1830		626393	<i>Frustulia lanceolata</i> C.Agardh, 1827 <i>Navicula lanceolata</i> (C.Agardh) Kützing, 1844 <i>Pinnularia lanceolata</i> (C.Agardh) Studnicka, 1888 <i>Schizonema lanceolatum</i> (C.Agardh) Kuntze, 1898			*		*	
Cymbellales	Cymbellaceae	Delicata	<i>Delicata delicatula</i> (Kützing) K.Krammer 2003		623357	<i>Cocconema delicatum</i> (Kützing) W.& G.S.& West, 1905 <i>Cymbella delicatula</i> Kützing, 1849					*	
Cymbellales	Cymbellaceae	Encyonema	<i>Encyonema minutum</i> (Hilse) D.G.Mann, 1990		172265	<i>Cymbella gracilis</i> var. <i>minuta</i> (Hilse) Rabenhorst, 1864 <i>Cymbella minuta</i> Hilse, 1862 <i>Cymbella ventricosa</i> f. <i>minuta</i> (Hilse) Mayer, 1913 <i>Cymbella ventricosa</i> f. <i>minuta</i> (Hilse) Cleve-Euler, 1932 <i>Cymbella ventricosa</i> f. <i>minuta</i> (Hilsek) Mereschkowsky, 1906 <i>Cymbella ventricosa</i> var. <i>minuta</i> (Hilse) Cleve-Euler, 1955 <i>Encyonema ventricosum</i> f. <i>minuta</i> (Hilse) Grunow, 1880 <i>Encyonema ventricosum</i> var. <i>minuta</i> (Hilse) Schmidt, 1881 <i>Encyonema ventricosum</i> var. <i>minutum</i> (Hilse) Mayer, 1947			*		*	
Cymbellales	Cymbellaceae	Encyonema	<i>Encyonema prostratum</i> (Berkeley) Kützing 1844		149542	<i>Cocconema prostratum</i> (M.J.Berkeley) G.S.West, 1904 <i>Cymbella prostrata</i> (Berkeley) Cleve, 1894 <i>Cymbella prostrata</i> (Berkeley) Grun, 1880 <i>Encyonema prostratum</i> (Berkeley) Ralfs, 1845 <i>Monema prostratum</i> Berkeley, 1832 <i>Schizonema prostratum</i> (Berkeley) Greville, 1833					*	

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Cymbellales	Cymbellaceae	Encyonopsis	<i>Encyonopsis cesatii</i> (Rabenhorst) K.Krammer, 1997		622720	<i>Cymbella cesatii</i> (Rabenhorst) Grunow, 1881 <i>Cymbella cesatii</i> var. <i>paradoxa</i> Geitler, 1975 <i>Navicula cesatii</i> Rabenhorst, 1853					*	
Cymbellales	Gomphonemataceae	Didymosphenia	<i>Didymosphenia geminata</i> (Lyngbye) M.Schmidt, 1899		164022	<i>Echinella geminata</i> Lyngbye, 1819 <i>Gomphonema geminatum</i> (Lyngbye) C.Agardh, 1824 <i>Gomphonema vulgare</i> Brébisson, 1838					*	
Cymbellales	Gomphonemataceae	Gomphonema	<i>Gomphonema affine</i> Kützing, 1844		172470						*	
Cymbellales	Gomphonemataceae	Gomphonema	<i>Gomphonema angustatum</i> (Kützing) Rabenhorst, 1864		149558	<i>Gomphonema angustatum</i> var. <i>angustatum</i> <i>Gomphonema bohemicum</i> Hustedt, 1930 <i>Gomphonema instabilis</i> Hohn & Hellermann, 1963 <i>Sphenella angustata</i> Kützing, 1844 <i>Sphenoneis angustata</i> (Kützing) Trevisan, 1848			*		*	
Cymbellales	Gomphonemataceae	Gomphonema	<i>Gomphonema augur</i> Ehrenberg, 1840		149556	<i>Gomphonema apiculatum</i> Ehrenberg, 1843			*		*	
Cymbellales	Gomphonemataceae	Gomphonema	<i>Gomphonema minutum</i> (C.Agardh) C.Agardh, 1831		180282						*	
Cymbellales	Gomphonemataceae	Gomphonema	<i>Gomphonema olivaceum</i> (Hornemann) Brébisson, 1838		149562	<i>Gomphoneis olivaceum</i> (Hornemann) P.Dawson ex R.Ross & P.A.Sims, 1978 <i>Gomphonema olivaceum</i> (Hornemann) Ehrenberg, 1838 <i>Gomphonema olivaceum</i> (Hornemann) Kützing, 1844 <i>Ulva olivacea</i> Hornemann			*		*	
Cymbellales	Gomphonemataceae	Gomphonema	<i>Gomphonema parvulum</i> (Kützing) Kützing, 1849		149557	<i>Gomphonella parvula</i> (Kützing) Rabenhorst, 1853 <i>Sphenella parvula</i> Kützing, 1844 <i>Sphenoneis parvula</i> (Kützing) Trevisan, 1848	*		*			
Cymbellales	Gomphonemataceae	Gomphonema	<i>Gomphonema parvulum</i> var. <i>subellipticum</i> P.T. Cleve, 1894		176163				*			
Cymbellales	Gomphonemataceae	Gomphonema	<i>Gomphonema subtile</i> Ehrenberg		180299						*	
Cymbellales	Gomphonemataceae	Gomphonema	<i>Gomphonema truncatum</i> Ehrenberg 1832		176172	<i>Gomphonema acuminatum</i> var. <i>constrictum</i> (Kützing) W.Carruthers, 1864 <i>Gomphonema constrictum</i> Ehrenberg, 1832 <i>Gomphonema constrictum</i> var. <i>truncatum</i> (Ehrenberg) Gutwinski, 1887 <i>Gomphonema constrictum</i> var. <i>truncatum</i> (Ehrenberg; Ehrenberg) Gutwinski, 1888					*	

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Cymbellales	Gomphonemataceae	Hannaea	<i>Hannaea arcus</i> (Ehrenberg) R.M.Patrick, 1961		180342	<i>Ceratoneis arcus</i> (Ehrenberg) Kützing, 1844 <i>Cymbella arcus</i> (Ehrenberg) Hassall, 1845 <i>Fragilaria arcus</i> (Ehrenberg) Cleve, 1898 <i>Navicula arcus</i> Ehrenberg, 1836 <i>Synedra gibbosa</i> Ralfs, 1861			*		*	
Cymbellales	Gomphonemataceae	Reimeria	<i>Reimeria sinuata</i> (Gregory) Kociolek & Stoermer, 1987		175783	<i>Cymbella sinuata</i> W.Gregory, 1856 <i>Cymbella sinuata</i> f. <i>ovata</i> (Hustedt) Hustedt, 1930			*			
Cymbellales	Cymbellaceae	Placoneis	<i>Placoneis elginensis</i> (Gregory) E.J. Cox, 1988		175671	<i>Navicula anglica</i> Ralfs, 1861 <i>Navicula anglica</i> var. <i>subsalsa</i> f. <i>major</i> (Ralfs) Cleve-Euler, 1932 <i>Navicula dicephala</i> f. <i>minor</i> Grunow, 1880 <i>Navicula dicephala</i> var. <i>elginensis</i> (W.Gregory) Cleve, 1895 <i>Navicula elginensis</i> (W.Gregory) Ralfs, 1861 <i>Navicula placentula</i> var. <i>anglica</i> (Ralfs) Grunow, 1880 <i>Navicula tumida</i> var. <i>anglica</i> (Ralfs) Gutwinski, 1891 <i>Pinnularia elginensis</i> Gregory, 1856 <i>Placoneis anglica</i> (Ralfs) E.J.Cox, 2003 <i>Placoneis anglica</i> (Ralfs) R.Lowe, 2004 <i>Placoneis dicephala</i> var. <i>elginensis</i> (Gregory) Mereschkowsky, 1903			*			
Cymbellales	Rhoicospheniaceae	Rhoicosphenia	<i>Rhoicosphenia abbreviata</i> (C.A. Agardh) Lange-Bertalot, 1980		175794	<i>Gomphonema abbreviatum</i> C.A. Agardh, 1831 <i>Gomphonema curvatum</i> Kützing, 1833 <i>Rhoicosphenia curvata</i> (Kützing) Grunow, 1860 <i>Rhoicosphenia curvata</i> var. <i>marina</i> Grunow sensu Wuorentaus, 1912			*		*	
Cymbellales	Rhoicospheniaceae	Rhoicosphenia	<i>Rhoicosphenia marina</i> (Kützing) M.Schmidt, 1889		175804	<i>Gomphonema marinum</i> W. Smith, 1853 <i>Rhoicosphenia curvata</i> var. <i>marina</i> (W. Smith) Grunow in Van Heurck, 1880			*			
Eunotiales	Eunotiaceae	Eunotia Ehrenberg, 1835	<i>Eunotia arcus</i> Ehrenberg 1837		149403	<i>Himantidium arcus</i> (Ehrenberg) Ehrenberg, 1840 (synonym)					*	
Eunotiales	Eunotiaceae	Eunotia Ehrenberg, 1836	<i>Eunotia bigibba</i> Kützing 1849		610440						*	

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Eunotiales	Eunotiaceae	Eunotia Ehrenberg, 1837	<i>Eunotia bilunaris</i> (Ehrenberg) Mills, 1934		172305	<i>Ceratoneis lunaris</i> (Ehrenberg) Grunow, 1865 <i>Eunotia curvata</i> (Kützing) Lagerstedt, 1884 <i>Eunotia lunaris</i> (Ehrenberg) Grunow <i>Eunotia lunaris</i> var. <i>bilunaris</i> (Ehrenberg) Grunow <i>Eunotia lunaris</i> var. <i>excisa</i> Grunow, 1881 <i>Exilaria curvata</i> Kützing, 1833 <i>Exilaria lunaria</i> Jenner, 1845 <i>Exilaria lunaris</i> (Ehrenberg) Hassall, 1845 <i>Pseudo-eunotia lunaris</i> (Ehrenberg) De Toni, 1892 <i>Pseudo-eunotia lunaris</i> var. <i>bilunaris</i> (Ehrenberg) De Toni, 1892 <i>Synedra bilunaris</i> Ehrenberg, 1832 <i>Synedra lunaris</i> Ehrenberg, 1832 <i>Synedra lunaris</i> var. <i>bilunaris</i> Brun, 1880 <i>Synedra ulna</i> var. <i>bilunaris</i> (Ehrenberg; Ehrenberg) Brun, 1880	*					
Eunotiales	Eunotiaceae	Eunotia Ehrenberg, 1838	<i>Eunotia septentrionalis</i> Østrup 1897		172355						*	
Fragilariales	Fragilariaceae	Diatoma		<i>Diatoma vulgare</i> v. <i>subsalina</i> Pr.-Lavr.					*			
Fragilariales	Fragilariaceae	Fragilaria		<i>Fragilaria gracillima</i> Mayer							*	
Fragilariales	Fragilariaceae	Pseudostaurosira	<i>Pseudostaurosira brevistriata</i> var. <i>inflata</i> (Pantocsek) Hartley, 1996		175774	<i>Fragilaria brevistriata</i> var. <i>inflata</i> (Pantocsek) Hustedt, 1930 <i>Fragilaria inflata</i> Pantocsek, 1902 <i>Pseudostaurosira brevistriata</i> var. <i>inflata</i> (Pantocsek) M.B.Edlund, 1994					*	
Fragilariales	Fragilariaceae	Synedra	<i>Synedra gouldardi</i> Brébisson		238989		*					
Fragilariales	Fragilariaceae	Synedra	<i>Synedra parva</i> Kützing		465724	<i>Synedra tabulata parva</i> (Kützing) Grunow	*		*			
Fragilariales	Fragilariaceae	Synedra		<i>Synedra baculus</i> Greg.					*			
Fragilariales	Fragilariaceae	Synedra		<i>Synedra curvata</i> Pr.-Lavr.					*			
Fragilariales	Fragilariaceae	Synedra		<i>Synedra limnetica</i> Lemmermann 1900							*	
Fragilariales	Fragilariaceae	Synedra Ehrenberg, 1830	<i>Synedra</i> sp.		149186		*					

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Fragilariales	Fragilariaceae	Tabularia	<i>Tabularia fasciculata</i> (C. Agardh) D.M. Williams & Round, 1986		157061	<i>Diatoma fasciculata</i> Agardh, 1812 <i>Diatoma fasciculata</i> C.A.Agardh, 1812 <i>Diatoma tabulata</i> C.A.Agardh, 1832 <i>Diatoma tabulata</i> C.Agardh, 1832 <i>Diatoma tabulatum</i> C.Agardh, 1832 <i>Echinella fasciculata</i> (Agardh) Jurgens <i>Exilaria fasciculata</i> (C.Agardh) Greville, 1827 <i>Exilaria fasciculata</i> Kützing, 1833 <i>Fragilaria fasciculata</i> (C.Agardh) Lange-Bertalot, 1980 <i>Fragilaria tabulata</i> (C.Agardh) Lange-Bertalot, 1981 <i>Lynghyea fasciculata</i> (C.Agardh) Sommerfelt, 1826 <i>Synedra affinis</i> Kützing, 1844 <i>Synedra affinis</i> var. <i>fasciculata</i> (C.A. Agardh) Grunow in Van Heurck, 1881 <i>Synedra affinis</i> var. <i>tabulata</i> (C.A. Agardh) Grunow in Van Heurck, 1881 <i>Synedra fasciculata</i> (Agardh) Kützing <i>Synedra tabulata</i> (C.Agardh) Kützing, 1844 <i>Synedra tabulata fasciculata</i> (Kützing) Grunow <i>Synedra tabulata</i> var. <i>affinis</i> (Kützing) Cleve-Euler, 1953 <i>Synedra tabulata</i> var. <i>fasciculata</i> (C.Agardh) Hustedt, 1932 <i>Tabularia affinis</i> (Kützing) P.Snoeijs, 1992 <i>Tabularia tabulata</i> (C.Agardh) Snoeijs, 1992	*		*		*	
Fragilariales	Fragilariaceae	Tabularia	<i>Tabularia gaillonii</i> (Bory de Saint-Vincent) Bukhtiyarova, 1995		590713	<i>Catacombas gaillonii</i> (Bory de Saint-Vincent) D.M.Williams & Round, 1986 <i>Navicula gaillonii</i> Bory de Saint-Vincent, 1824 <i>Synedra gaillonii</i> (Bory de Saint-Vincent) Ehrenberg, 1830 (synonym)			*			
Fragilariales	Fragilariaceae	Tabularia	<i>Tabularia investiens</i> (W.Smith) D.M.Williams & Round 1986		418634	<i>Synedra investiens</i> W.Smith, 1856					*	
Fragilariales	Fragilariaceae	Ulnaria	<i>Ulnaria acus</i> (Kütz.) Aboal, 2003		418636	<i>Fragilaria ulna</i> var. <i>acus</i> (Kützing) Lange-Bertalot, 1980 <i>Synedra acus</i> Kützing, 1844 <i>Synedra affinis</i> var. <i>arcus</i> (Kützing) Grunow, 1881 <i>Synedra goulardi</i> var. <i>acus</i> (Kützing) Frenguelli, 1925 <i>Synedra oxyrhynchus</i> var. <i>acus</i> (Kützing) Kirchner, 1878	*		*		*	



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Fragilariales	Fragilariaceae	Ulnaria	<i>Ulnaria contracta</i> (Østrup) E.A.Morales & M.L.Vis, 2007		624440	<i>Fragilaria ulna</i> var. <i>contracta</i> (Østrup) Main, 1988 <i>Synedra ulna</i> var. <i>contracta</i> Østrup, 1901			*			
Fragilariales	Fragilariaceae	Ulnaria	<i>Ulnaria danica</i> (Kützing) Compère & Bukhtiyarova, 2006		699599	<i>Fragilaria danica</i> (Kützing) Lange- Bertalot, 1996 <i>Fragilaria ulna</i> var. <i>danica</i> (Kützing) Kalinsky, 1982 <i>Synedra danica</i> Kützing, 1844 <i>Synedra ulna danica</i> (Kützing) Skabichevskii, 1959 <i>Synedra ulna</i> f. <i>danica</i> (Kützing) Hustedt, 1957 <i>Synedra ulna</i> var. <i>danica</i> (Kützing) Grunow, 1885					*	
Fragilariales	Fragilariaceae	Ulnaria	<i>Ulnaria ulna</i> (Nitzsch) P.Compère, 2001		447744	<i>Bacillaria ulna</i> Nitzsch, 1817 <i>Exilaria ulna</i> (Harvey) Jenner, 1845 <i>Fragilaria ulna</i> (Nitzsch) Lange-Bertalot, 1980 <i>Frustulia ulna</i> (Nitzsch) C.Agardh, 1831 <i>Frustulia ulva</i> (Nitzsch) C.A.Agardh, 1829 <i>Pseudo-eunotia bicurvata</i> (Biene) De Toni, 1892 <i>Synedra bicurvata</i> Biene ex Rabenhorst, 1864 <i>Synedra ulna</i> f. <i>bicurvata</i> Mayer, 1919 <i>Synedra ulna</i> var. <i>bicurvata</i> (Biene) Grunow, 1881	*		*			
Fragilariales	Fragilariaceae	Ulnaria	<i>Ulnaria biceps</i> (Kützing) P.Compère, 2001		619989	<i>Fragilaria biceps</i> (Kützing) Lange- Bertalot, 1991 <i>Ctenophora pulchella</i> var. <i>longissima</i> (W.Smith) Schönfeldt, 1907 <i>Fragilaria biceps</i> (Kützing) Lange- Bertalot, 1991 <i>Fragilaria ulna</i> var. <i>biceps</i> (Kützing) Compère, 1991 <i>Synedra biceps</i> Kützing, 1844 <i>Synedra longissima</i> W.Smith, 1853 <i>Synedra pulchella</i> var. <i>longissima</i> (W.Smith) Schönfeldt, 1907 <i>Synedra ulna</i> f. <i>biceps</i> (Kützing) Hustedt, 1957 <i>Synedra ulna</i> f. <i>biceps</i> (Kützing) Skabichevskii, 1960 <i>Synedra ulna</i> var. <i>biceps</i> (Kützing) Kirchner, 1878 <i>Synedra ulna</i> var. <i>biceps</i> (Kützing) Schönfeldt, 1913 <i>Synedra ulna</i> var. <i>biceps</i> (Kützing) Kirchner <i>Synedra ulna</i> var. <i>longissima</i> (W.Smith) Brun, 1880			*			

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Fragilariales	Fragilariaceae	Ulnaria	<i>Ulnaria delicatissima</i> var. <i>angustissima</i> (Grunow) M.Aboal & P.C.Silva, 2004		467134	<i>Fragilaria delicatissima</i> var. <i>angustissima</i> (Grunow) Lange-Bertalot, 1980 <i>Fragilaria ulna</i> f. <i>angustissima</i> (Grunow) Krammer & Lange-Bertalot, 1991 <i>Synedra acus</i> var. <i>angustissima</i> (Grunow) van Heurck, 1885 <i>Synedra delicatissima</i> var. <i>angustissima</i> Grunow, 1881			*			
Fragilariales	Fragilariaceae	Synedra	<i>Synedra amphicephala</i> Kützing 1844		176217	<i>Fragilaria capucina amphicephala</i> (Kützing) Lange-Bertalot, 1993 <i>Fragilaria capucina</i> var. <i>amphicephala</i> (Kützing) Lange-Bertalot ex Bukhtiyarova, 1995					*	
Fragilariales	Fragilariaceae	Synedra	<i>Synedra crystallina</i> (C.Agardh) Kützing, 1844		163706	<i>Ardissonaea crystallina</i> (C.Agardh) Grunow, 1880 <i>Diatoma crystallina</i> C.Agardh, 1824 <i>Exilaria crystallina</i> (C.Agardh) Greville, 1827 <i>Synedra gallionii</i> var. <i>crystallina</i> (Agardh) Rabenhorst, 1847			*			
Fragilariales	Fragilariaceae	Asterionella	<i>Asterionella bleakeleyi</i> W. Smith, 1856		149375	<i>Asterionella formosa</i> var. <i>bleakeleyi</i> (W.Smith) Van Heurck, 1896					*	
Fragilariales	Fragilariaceae	Asterionella	<i>Asterionella formosa</i> Hassall, 1850		148954	<i>Asterionella gracillima</i> f. <i>tabellarioides</i> Cleve-Euler, 1910 <i>Asterionella gracillima</i> var. <i>formosa</i> (Hassall) Wislouch, 1921			*		*	
Fragilariales	Fragilariaceae	Asterionellopsis	<i>Asterionellopsis glacialis</i> (Castracane) Round, 1990		149139	<i>Asterionella glacialis</i> Castracane, 1886 <i>Asterionella japonica</i> Cleve, 1882	*		*		*	
Fragilariales	Fragilariaceae	Ceratoneis	<i>Ceratoneis closterium</i> Ehrenberg, 1839		163932	<i>Cylindrotheca closterium</i> (Ehrenberg) Reimann & J.C.Lewin, 1964 <i>Nitzschiella closterium</i> (Ehrenberg) Rabenhorst, 1864 <i>Nitzschia closterium</i> (Ehrenberg) W.Smith, 1853	*		*		*	
Fragilariales	Fragilariaceae	Ctenophora	<i>Ctenophora pulchella</i> (Ralfs ex Kützing) D.M.Williams & Round, 1986		163922	<i>Exilaria pulchella</i> Ralfs ex Kützing, 1844 <i>Fragilaria pulchella</i> (Ralfs ex Kützing) Lange-Bertalot, 1980 <i>Synedra pulchella</i> (Ralfs ex Kützing) Kützing, 1844 <i>Synedra pulchella</i> var. <i>abnormis</i> Macchiati, 1889 <i>Synedra pulchella</i> var. <i>smithii</i> Grunow, 1881 (synonym)					*	
Fragilariales	Fragilariaceae	Diatoma	<i>Diatoma hiemale</i> (Lyngb.) Heiberg, 1863		418623						*	
Fragilariales	Fragilariaceae	Diatoma	<i>Diatoma moniliformis</i> Kützing, 1833		164000	<i>Diatoma elongatum</i> var. <i>subsalsa</i> Cleve-Eule, 1912 <i>Diatoma elongatum</i> var. <i>subsalsa</i> f. <i>curta</i> Cleve-Euler, 1912 <i>Diatoma tenue</i> var. <i>minor</i> Grunow, 1862 <i>Diatoma tenue</i> var. <i>moniliformis</i> Kützing, 1833					*	

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Fragilariales	Fragilariaceae	Diatoma	<i>Diatoma tenue</i> C.A. Agardh, 1812		149014	<i>Bacillaria tenuis</i> (C.Agardh) Tomosvary, 1879 <i>Bacillaria tenuis</i> var. <i>elongata</i> (Lyngbye) Tömösváry, 1879 <i>Candollella tenuis</i> (C.Agardh) Gaillon, 1833 <i>Diatoma elongata</i> (Lyngbye) C.Agardh, 1824 <i>Diatoma elongata tenue</i> (C.Agardh) Skabichevskij, 1960 <i>Diatoma elongata</i> var. <i>tenue</i> (C.Agardh) van Heurck, 1885 <i>Diatoma elongata</i> var. <i>tenuis</i> (C.Agardh) van Heurck, 1885 <i>Diatoma elongatum</i> (Lyngbye) C.A. Agardh, 1824 <i>Diatoma flocculosa</i> var. <i>tenuis</i> (C.Agardh) C.Agardh, 1817 <i>Diatoma tenue</i> var. <i>elongata</i> Lyngbye, 1819 <i>Diatoma tenue</i> var. <i>elongatum</i> Lyngbye, 1819 <i>Lobarzewskya elongata</i> (Lyngbye) Trevisan, 1848 <i>Neodiatoma elongata</i> (Lyngbye) Kuntze, 1891 <i>Odontidium elongatum</i> (Lyngbye) Elmore, 1921 <i>Odontidium elongatum</i> var. <i>tenuis</i> (C.Agardh) Patrick, 1939	*		*		*	
Fragilariales	Fragilariaceae	Diatoma	<i>Diatoma vulgare</i> Bory de Saint-Vincent, 1824		149347		*		*			
Fragilariales	Fragilariaceae	Diatoma	<i>Diatoma vulgare</i> var. <i>producta</i> Grunow, 1862		164016				*		*	
Fragilariales	Fragilariaceae	Fragilaria	<i>Fragilaria capucina</i> Desmazières, 1825		149361	<i>Fragilaria capucina</i> var. <i>lanceolata</i> Grunow, 1881			*		*	
Fragilariales	Fragilariaceae	Fragilaria	<i>Fragilaria capucina</i> var. <i>vaucheriae</i> (Kützing) Lange-Bertalot, 1980		172408	<i>Ceratoneis vaucheriae</i> (Kützing) H.Kobayasi, 1965 <i>Ceratoneis vaucheriae</i> (Kützing) H.Kobayashi, 1965 <i>Ctenophora vaucheriae</i> (Kützing) Schönfeldt, 1907 <i>Exilaria vaucheriae</i> Kützing, 1833 <i>Fragilaria capucina</i> var. <i>meneghiniana</i> (Grunow) Ludwig & Flores, 1997 <i>Fragilaria distans</i> (Grunow) Bukhtiyarova, 1995 <i>Fragilaria intermedia</i> (Grunow) Grunow, 1881			*		*	

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						Fragilaria intermedia Grunow, 1881 Fragilaria intermedia var. distans (Grunow) Cleve-Euler, 1932 Fragilaria mutabilis var. intermedia (Grunow) Grunow, 1862 Fragilaria pinnata var. intermedia (Grunow) Mayer, 1919 Fragilaria rumpens var. meneghiniana (Grunow) H.P.Gandhi, 1964 Fragilaria rumpens var. meneghiniana (Grunow) Gandhi, 1966 Fragilaria tenuicollis var. intermedia (Grunow) van Heurck, 1896 Fragilaria vaucheriae (Kützing) J.B.Petersen, 1938 Fragilaria vaucheriae var. distans (Grunow) Cleve-Euler, 1953 Fragilaria vaucheriae var. parvula (Kützing) Cleve-Euler, 1953 Odontidium mutabile var. intermedia (Grunow) Grunow, 1862 Odontidium mutabile var. intermedium (Grunow) Kirchner, 1878 Staurosira intermedia Grunow, 1862 Staurosira intermedia (Grunow) Grunow, 1882 Synedra rumpens var. meneghiniana Grunow, 1881 Synedra vaucheriae (Kützing) Kützing, 1844 Synedra vaucheriae var. distans Grunow, 1881 Synedra vaucheriae var. parvula (Kützing) Rabenhorst, 1864						
Fragilariales	Fragilariaceae	Fragilaria	<i>Fragilaria striatula</i> Lyngbye, 1819		157458						*	
Fragilariales	Fragilariaceae	Fragilaria	<i>Synedra crotonensis</i> var. <i>prolongata</i> Grunow, 1881		180214				*		*	
Fragilariales	Fragilariaceae	Fragilaria Lyngbye, 1819	<i>Fragilaria</i> sp.		149028		*					
Fragilariales	Fragilariaceae	Martyana	<i>Martyana martyi</i> (Héribaud-Joseph) Round, 1990		590712	Fragilaria martyi (Héribaud-Joseph) Lange-Bertalot, 1993 Fragilaria mutabilis f. martyi (Héribaud-Joseph) Cleve-Euler, 1932 Fragilaria mutabilis var. intercedens (Héribaud-Joseph) Cleve-Euler, 1932 Opephora martyi Héribaud-Joseph, 1902 Staurosirella martyi (Héribaud-Joseph) E.A.Morales & K.M.Manoylov, 2006			*		*	
Fragilariales	Fragilariaceae	Meridion	<i>Meridion circulare</i> (Greville) C. Agardh, 1831		149346	Echinella circularis Greville, 1823 Exilaria circularia (Greville) Greville, 1827			*			

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						Exilaria circularis (Greville) C.Agardh, 1831						
Fragilariales	Fragilariaceae	Meridion	<i>Meridion circulare</i> var. <i>constrictum</i> (Ralfs) Van Heurck, 1885		180421	Meridion circulare f. constrictum (Ralfs) Cleve-Euler, 1932 Meridion circulare var. constrictum (Ralfs) Brun, 1880 Meridion constrictum Ralfs, 1843			*			
Fragilariales	Fragilariaceae	Opephora	<i>Opephora marina</i> (Gregory) Petit, 1888		175464	Meridion marinum Gregory, 1857			*			
Fragilariales	Fragilariaceae	Pseudostaurosira	<i>Pseudostaurosira brevistriata</i> (Grunow in Van Heurck, 1885) Williams & Round, 1988 (1987)		175757	Fragilaria brevistriata Grunow in Van Heurck, 1885			*			
Fragilariales	Fragilariaceae	Staurosira	<i>Staurosira construens</i> Ehrenberg, 1843		175929	Dimeregramma tabellaria (W.Smith) Ralfs, 1861 Fragilaria construens (Ehrenberg) Grunow, 1862 Nematoplata construens (Ehrenberg) Kuntze, 1898 Odontidium tabellaria W.Smith, 1856 Staurosira tabellaria (W.Smith) Leuduger-Fortmorel, 1878 Staurosira venter var. construens (Ehrenberg) Cleve & Möller, 1879			*			
Fragilariales	Fragilariaceae	Staurosirella	<i>Staurosirella pinnata</i> (Ehrenberg) Williams & Round, 1988 (1987)		175961	Fragilaria lancettula Schumann, 1867 Fragilaria mutabilis var. lancettula (J.Schumann) Cleve-Euler, 1915 Fragilaria pinnata Ehrenberg, 1843 Fragilaria pinnata f. lancettula (Schumann) Hustedt, 1957 Fragilaria pinnata var. lancettula (Schumann) Hustedt, 1913 Fragilaria pinnata var. pinnata Ehrenberg, 1843 Navicula lestikowii Lange-Bertalot Nematoplata lancettula (Schumann) Kuntze, 1898 Punctastriata pinnata (Ehrenberg) D.M.Williams & Round, 1987			*			
Hemiaulales	Bellerocheaceae	Bellerochea	<i>Bellerochea horologicalis</i> Stosch, 1980		447730	Bellerochea malleus (Brightwell) Van Heurck, 1885					*	
Hemiaulales	Hemiaulaceae	Cerataulina	<i>Cerataulina pelagica</i> (Cleve) Hendey, 1937		149619	<i>Cerataulina bergonii</i> (H.Peragallo) Schütt, 1896 <i>Cerataulus bergonii</i> H.Peragallo, 1892 <i>Zygoceros pelagicum</i> Cleve, 1889	*		*		*	
Hemiaulales	Hemiaulaceae	Eucampia	<i>Eucampia zodiacus</i> Ehrenberg, 1840		149131	<i>Eucampia britannica</i> W.Smith, 1853 <i>Eucampia nodosa</i> A.Schmidt, 1888 (synonym)					*	
Hemiaulales	Hemiaulaceae	Hemiaulus Heiberg, 1863 nom. cons.	<i>Hemiaulus hauckii</i> Grunow in Van Heurck, 1882		163249	Hemiaulus delicatulus Lemmermann, 1905	*		*		*	
Hemiaulales	Hemiaulaceae	Hemiaulus Heiberg, 1863 nom. cons.	<i>Hemiaulus sinensis</i> Greville, 1865		163250						*	

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Leptocylindrales	Leptocylindraceae	Leptocylindrus	<i>Leptocylindrus adriaticus</i> Schroder		576272				*			
Leptocylindrales	Leptocylindraceae	Leptocylindrus	<i>Leptocylindrus danicus</i> P.T. Cleve, 1889		149106		*		*		*	
Leptocylindrales	Leptocylindraceae	Leptocylindrus	<i>Leptocylindrus minimus</i> Gran, 1915		149039	<i>Leptocylindrus belgicus</i> Meunier, 1915	*		*		*	
Licmophorales	Licmophoraceae	Licmophora	<i>Licmophora abbreviata</i> C.A. Agardh, 1831		157062				*		*	
Licmophorales	Licmophoraceae	Licmophora	<i>Licmophora dalmatica</i> (Kütz.) Grun. 1867		180382						*	
Licmophorales	Licmophoraceae	Licmophora	<i>Licmophora debilis</i> (Kützing) Grunow in Van Heurck, 1881		172607				*			
Licmophorales	Licmophoraceae	Licmophora	<i>Licmophora ehrenbergii</i> (Kützing) Grunow, 1867		172609	<i>Podosphenia ehrenbergii</i> Kützing, 1844	*		*		*	
Licmophorales	Licmophoraceae	Licmophora	<i>Licmophora flabellata</i> C. Agardh, 1830		157064				*		*	
Licmophorales	Licmophoraceae	Licmophora	<i>Licmophora gracilis</i> (Ehrenberg) Grunow, 1867		149343	<i>Podosphenia gracilis</i> Ehrenberg, 1838	*		*			
Licmophorales	Licmophoraceae	Licmophora	<i>Licmophora gracilis</i> var. <i>anglica</i> (Kützing) H. & M. Peragallo, 1901		172617	<i>Licmophora anglica</i> (Kützing) Grunow in Van Heurck, 1881 <i>Rhipidophora anglica</i> Kützing 1844			*			
Licmophorales	Licmophoraceae	Licmophora	<i>Licmophora hastata</i> Mer.		590715				*			
Licmophorales	Licmophoraceae	Licmophora	<i>Licmophora lyngbyei</i> (Kützing) Grunow ex Van Heurck, 1867		157066	<i>Podosphenia lyngbyei</i> Kützing, 1844 (synonym)					*	
Licmophorales	Licmophoraceae	Licmophora	<i>Licmophora paradoxa</i> (Lyngbye) C.A. Agardh, 1828		149344	<i>Echinella paradoxa</i> Lyngbye, 1819			*		*	
Licmophorales	Licmophoraceae	Licmophora		<i>Licmophora hastata</i> f. <i>clavata</i> (Mer.) Pr.-Lavr.					*			
Lithodesmiales	Lithodesmiaceae	Ditylum	<i>Ditylum brightwellii</i> (T.West) Grunow, 1885		149023	<i>Ditylum inaequale</i> J.W.Bailey ex L.W.Bailey, 1862 <i>Ditylum trigonum</i> L.W.Bailey ex L.W.Bailey, 1862 <i>Triceratium brightwellii</i> T.West, 1860	*		*		*	
Lithodesmiales	Lithodesmiaceae	Lithodesmium	<i>Lithodesmium undulatum</i> Ehrenberg, 1839		149322	<i>Ditylum intricatum</i> Grunow <i>Ditylum undulatum</i> Mann, 1907 <i>Lithodesmium victoriae</i> Karsten, 1906 <i>Triceratium intricatum</i> T.West, 1860 <i>Triceratium undulatum</i> Brightwell, 1858					*	
Lyrellales	Lyrellaceae	Petroneis	<i>Petroneis humerosa</i> (Brébisson ex W. Smith) A.J. Stickle & D.G. Mann, 1990		175573	<i>Clevia humerosa</i> (Brebisson ex Wm. Smith) Mereschkowsky, 1902 <i>Navicula granulata</i> var. <i>humerosa</i> (Brebisson) Carruthers, 1864 <i>Navicula humerosa</i> Brébisson ex W. Smith, 1856 <i>Schizonema humerosum</i> (Brébisson ex W. Smith) Kuntze, 1898			*			
Lyrellales	Lyrellaceae	Lyrella	<i>Lyrella abrupta</i> (Gregory) D.G.Mann in F.E. Round, R.M. Crawford & D.G. Mann 1990		590716						*	
Lyrellales	Lyrellaceae	Lyrella	<i>Lyrella clavata</i> (Gregory) D.G.Mann, 1990		418281	<i>Navicula clavata</i> Greg., 1856			*			

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Lyrellales	Lyrellaceae	Lyrella	<i>Lyrella hennedyi</i> (W. Sm.) Stickle & D. G. Mann, 1990		418285	<i>Navicula hennedyi</i> W. Smith, 1856			*			
Lyrellales	Lyrellaceae	Lyrella	<i>Lyrella lyra</i> (Ehrenberg) Karajeva, 1978		180391	<i>Clevia lyra</i> (Ehrenberg) Mereschkowsky, 1902 <i>Navicula lyra</i> Ehrenberg, 1843 <i>Schizonema lyra</i> (Ehrenberg) Kuntze, 1898	*		*			
Lyrellales	Lyrellaceae	Lyrella	<i>Lyrella lyroides</i> (Hendey) D.G.Mann, 1990		577609	<i>Navicula lyroides</i> Hendey, 1958			*			
Lyrellales	Lyrellaceae	Lyrella	<i>Lyrella spectabilis</i> (Gregory) D.G.Mann, 1990		418288	<i>Navicula spectabilis</i> Greg.			*			
Mastogloiales	Mastogloiaceae	Mastogloia	<i>Mastogloia angulata</i> Lewis, 1861		180392				*			
Mastogloiales	Mastogloiaceae	Mastogloia	<i>Mastogloia binotata</i> (Grunow) Cleve, 1895		180395	<i>Diplochaete solitaria</i> F.S.Collins, 1901			*			
Mastogloiales	Mastogloiaceae	Mastogloia	<i>Mastogloia braunii</i> Grun., 1863		180396				*			
Mastogloiales	Mastogloiaceae	Mastogloia	<i>Mastogloia exigua</i> F.W.Lewis		180402				*		*	
Mastogloiales	Mastogloiaceae	Mastogloia	<i>Mastogloia pusilla</i> Grun., 1878		180409				*		*	
Mastogloiales	Mastogloiaceae	Mastogloia	<i>Mastogloia smithii</i> Thwaites ex W. Smith, 1856		157053				*		*	
Mastogloiales	Mastogloiaceae	Mastogloia		<i>Mastogloia paradoxa</i> Grun.					*			
Melosirales	Hyalodiscaceae	Podosira	<i>Podosira hormoides</i> (Montagne) Kützing		149253				*		*	
Melosirales	Hyalodiscaceae	Podosira		<i>Podosira hormoides</i> v. <i>parvula</i> Pr.-Lavr.					*			
Melosirales	Hyalodiscaceae	Podosira		<i>Podosira pellucida</i> Pr.-Lavr.					*			
Melosirales	Endictyceae	Endictya	<i>Endictya oceanica</i> Ehrenberg, 1845		157445				*			
Melosirales	Hyalodiscaceae	Hyalodiscus	<i>Hyalodiscus ambiguus</i> (Grunow) Tempère & Peragallo, 1890 †		180370				*		*	
Melosirales	Hyalodiscaceae	Hyalodiscus	<i>Hyalodiscus scoticus</i> (Kützing) Grunow, 1879 †		163251	<i>Craspedodiscus franklini</i> Ehrenberg, 1853 <i>Cyclotella scotica</i> Kützing, 1844 <i>Hyalodiscus franklini</i> (Ehrenberg) Cleve † <i>Podosira smithiana</i> Grunow, 1874 <i>Podosira subtilis</i> Mann, 1907			*		*	
Melosirales	Melosiraceae	Melosira	<i>Melosira borneri</i> Greville, 1833		163273						*	
Melosirales	Melosiraceae	Melosira	<i>Melosira lineata</i> (Dillwyn) C.A. Agardh, 1824		156636	<i>Conferva lineata</i> Dillwyn, 1809 <i>Gallionella lineata</i> (Dillwyn) Bory, 1838 <i>Lysigonium lineatum</i> (Dillwyn) Trevisan, 1848 <i>Melosira juergensi</i> C. Agardh, 1824 <i>Melosira juergensii</i> C.Agardh, 1824			*		*	
Melosirales	Melosiraceae	Melosira	<i>Melosira moniliformis</i> (O.F. Müller) C. Agardh, 1824		418547	<i>Conferva moniliformis</i> O.F.Müller, 1783 <i>Lysigonium moniliforme</i> (O.F.Müller) Link, 1820 <i>Lysigonium moniliforme</i> (O.F.Müller) Trevisan, 1848 <i>Melosira borneri</i> var. <i>moniliformis</i> (O.F.Müller) Grunow, 1878 <i>Melosira moniliformis</i> (O.F. Müller) C. Agardh, 1824 (misspelling)	*		*		*	

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Melosirales	Melosiraceae	Melosira	<i>Melosira nummuloides</i> C.A. Agardh, 1824		149044		*		*		*	
Melosirales	Melosiraceae	Melosira	<i>Melosira undulata</i> (Ehrenberg) Kützing		163277						*	
Melosirales	Melosiraceae	Melosira	<i>Melosira varians</i> C.A. Agardh, 1827		149043	<i>Lysigonium varians</i> (C.Agardh) De Toni, 1892			*		*	
Melosirales	Melosiraceae	Melosira		<i>Melosira moniliformis</i> v. <i>octogona</i> Grun.					*			
Melosirales	Melosiraceae	Melosira		<i>Melosira moniliformis</i> v. <i>subglobosa</i> Grun.					*			
Melosirales	Stephanopyxidaceae	Stephanopyxis	<i>Stephanopyxis palmeriana</i> (Greville) Grunow		231888	<i>Creswellia palmeriana</i> Greville, 1865					*	
Melosirales	Stephanopyxidaceae	Stephanopyxis	<i>Stephanopyxis turris</i> (Greville) Ralfs ex Pritchard, 1861		149631	<i>Creswellia turris</i> Greville & Arnott, 1857					*	
Naviculales	Amphipleuraceae	Amphipleura	<i>Amphipleura micans</i> (Lyngbye) Cleve, 1894		160654	<i>Bangia micans</i> Lyngbye, 1819 <i>Berkeleya micans</i> (Lyngbye) Grunow ex Van Heurck, 1880			*			
Naviculales	Amphipleuraceae	Frustulia	<i>Frustulia creuzburgensis</i> (Krasske) Hustedt, 1957		418183	<i>Caloneis lanceolata</i> Østrup, 1910 <i>Frustulia hawaiiensis</i> Hustedt, 1942 <i>Navicula creuzburgensis</i> Krasske, 1927					*	
Naviculales	Amphipleuraceae	Halamphora	<i>Halamphora coffeaeformis</i> (Agardh) Levkov, 2009		624065	<i>Amphora coffeaeformis</i> (C.Agardh) Kützing, 1844 <i>Amphora crameri</i> Foged, 1966 <i>Amphora paulii</i> Patrick, 1970 <i>Amphora salina</i> W.Smith, 1853 <i>Frustulia coffeaeformis</i> C.Agardh, 1827			*			
Naviculales	Amphipleuraceae	Halamphora	<i>Halamphora granulata</i> (Gregory) Levkov, 2009		574074	<i>Amphora granulata</i> Gregory, 1857			*			
Naviculales	Amphipleuraceae	Halamphora	<i>Halamphora turgida</i> (Gregory) Levkov, 2009		624140	<i>Amphora turgida</i> Gregory, 1857					*	
Naviculales	Amphipleuraceae	Halamphora	<i>Halamphora veneta</i> (Kützing) Levkov, 2009		624142	<i>Amphora veneta</i> Kützing, 1844			*		*	
Naviculales	Berkeleyaceae	Berkeleya	<i>Berkeleya rutilans</i> (Trentepohl ex Roth) Grunow, 1880		156955	<i>Amphipleura rutilans</i> (Trentepohl ex Roth) Cleve, 1894 <i>Bangia rutilans</i> (Roth) Lyngbye, 1819 <i>Berkeleya dillwynii</i> var. <i>rutilans</i> (Trentepohl ex Roth) Eiben, 1871 <i>Carrodoria rutilans</i> (Roth) Kuntze, 1898 <i>Conferva rutilans</i> Trentepohl ex Roth, 1806 <i>Girodella rutilans</i> (Roth) Gaillon, 1833 <i>Hydrolinum rutilans</i> (Trentepohl ex Roth) Link, 1820 <i>Monema rutilans</i> (Trentepohl ex Roth) Meneghini, 1845 <i>Schizonema rutilans</i> (Trentepohl ex Roth) Agardh, 1824			*			
Naviculales	Berkeleyaceae	Berkeleya	<i>Berkeleya scopulorum</i> (Bréb. Ex Kütz.) E. J. Cox 1979		179391	<i>Navicula abrupta jhonsonii</i> (W. Sm.) O'Meara, 1876 <i>Navicula johnsonii</i> (W. Sm.) O'Meara, 1876			*			



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						Navicula scopulorum Breéb. Ex Kutz. 1849 Pinnularia jhonsonii W. Sm., 1853						
Naviculales	Berkeleyaceae	Climaconeis	<i>Climaconeis inflexa</i> (Brébisson ex Kützing) E.J.Cox, 1982		574079	Okekenia inflexa (de Brébisson ex Kützing) De Toni, 1894	*		*			
Naviculales	Berkeleyaceae	Parlibellus	<i>Parlibellus plicatus</i> (Donkin) E.J. Cox, 1988		175549	Navicula plicata Donkin, 1873			*			
Naviculales	Cavinulaceae	Cavinula	<i>Cavinula lacustris</i> (Gregory) D.G. Mann & Stickle in Round et al., 1990		163850	Navicula lacustris W.Gregory, 1856 Schizonema gregoryi Kuntze, 1898			*			
Naviculales	Cosmioneidaceae	Cosmioneis	<i>Cosmioneis lundstroemii</i> (Cleve) D.G.Mann, 1990		163891	Navicula lundstroemii Cleve, 1880 Navicula pusilla var. lundstroemii (Cleve) Lange-Bertalot, 1985 Placoneis lundstroemii (Cleve) Mereschkowsky, 1903					*	
Naviculales	Cosmioneidaceae	Cosmioneis	<i>Cosmioneis pusilla</i> (W. Smith) D.G. Mann & A.J. Stickle, 1990		163894	Navicula pusilla W. Smith, 1853			*			
Naviculales	Diadesmidaceae	Luticola	<i>Luticola mutica</i> (Kützing) D.G. Mann in Round et al., 1990		172645	Navicula mutica Kützing, 1844 Navicula mutica (Kützing) Frenguelli, 1924 Placoneis mutica (Kützing) Mereschkowsky, 1903 Schizonema muticum (Kützing) Kuntze, 1898			*			
Naviculales	Naviculaceae	Caloneis	<i>Caloneis amphisbaena</i> var. <i>subsalina</i> (Donkin) Cleve, 1894		177949	<i>Caloneis amphisbaena</i> f. <i>subsalina</i> (Donkin) van der Werff & Huls, 1957 <i>Caloneis subsalina</i> (Donkin) Hendey, 1951 <i>Navicula amphisbaena</i> var. <i>subsalina</i> (Donkin) van Heurck, 1880 <i>Navicula subsalina</i> Donkin, 1870					*	
Naviculales	Naviculaceae	Caloneis	<i>Caloneis liber</i> (W. Sm.) Cleve, 1894		177935	<i>Caloneis liber</i> var. <i>maxima</i> (Gregory) E.Jörgensen, 1905 <i>Caloneis liber</i> var. <i>maxima</i> (Gregory) Frenguelli, 1939 <i>Navicula liber</i> W.Smith, 1853 <i>Navicula liber</i> var. <i>maxima</i> (Gregory) Grunow, 1867 <i>Navicula maxima</i> Gregory, 1855 <i>Schizonema liber</i> (W.Smith) Kuntze, 1898			*			
Naviculales	Naviculaceae	Caloneis	<i>Caloneis linearis</i> (Grun.) Boyer, 1927		177942	<i>Caloneis liber</i> var. <i>linearis</i> (Grun.) Cleve, 1894 <i>Navicula linearis</i> Grun., 1860			*			
Naviculales	Naviculaceae	Caloneis	<i>Caloneis permagna</i> (J.W.Bailey) Cleve 1894		163787	<i>Caloneis bivittata</i> (Pantocsek) Cleve, 1894 <i>Caloneis bivittata</i> var. <i>rostrata</i> Heiden, 1906 <i>Caloneis permagna</i> var. <i>lewisiana</i> Boyer, 1916 <i>Navicula bivittata</i> Pantocsek, 1889					*	

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						Navicula bivittata var. robusta (Heiden) F.W.Mills, 1934 Navicula permagna (Bailey) A.M.Edwards, 1860 Navicula permagna (Bailey) A.M.Edwards, 1859 Pinnularia permagna J.W.Bailey, 1851 Schizonema bivittatum (Pantocsek) Kuntze, 1898 (synonym)						
Naviculales	Naviculaceae	Caloneis	<i>Caloneis silicula</i> (Ehrenberg) P.T. Cleve, 1894		149492	Navicula silicula Ehrenberg, 1838 Navicula ventricosa var. truncatula Grunow in Van Heurck, 1880			*			
Naviculales	Naviculaceae	Caloneis	<i>Caloneis westii</i> (W. Smith) Hendey, 1964		177950	Caloneis formosa (Gregory) Cleve, 1894 Caloneis formosa var. liburnica (Grunow) A. Cleve-Euler, 1955 Caloneis liburnica Grunow, 1880 Navicula formosa Gregory, 1856 Navicula holmiensis Cleve, 1881 Navicula westii W. Sm., 1853 (Synonym) Scolioleura westii (W. Sm.) Grun. 1860			*		*	
Naviculales	Naviculaceae	Caloneis		<i>Caloneis formosa</i> v. <i>densetriata</i> Pr.-Lavr.					*			
Naviculales	Naviculaceae	Caloneis P.T. Cleve, 1894	<i>Caloneis</i> sp.		149488		*					
Naviculales	Naviculaceae	Trachyneis	<i>Trachyneis aspera</i> (Ehrenberg) Cleve, 1894		149147	Navicula aspera Ehrenberg, 1840 Navicula aspera var. genuina (Cleve) Fricke, 1902 Navicula stauroneiformis Leuduger-Fortmorel, 1892 Pinnularia aspera (Ehrenberg) Ehrenberg, 1854 Schizonema asperum (Ehrenberg; Ehrenberg) Kuntze, 1898 Stauroneis achnanthes (Ehrenberg) Kützing, 1844 Stauroneis aspera (Ehrenberg) Kützing, 1844 Stauroneis pulchella W.Smith, 1853 Stauroptera aspera Ehrenberg, 1841	*		*			
Naviculales	Naviculaceae	Trachyneis	<i>Trachyneis clepsydra</i> (Donkin) Cleve, 1894		149484	Navicula clepsydra Donkin, 1861			*			
Naviculales	Stauroneidaceae	Craticula	<i>Craticula cuspidata</i> (Kützing) D.G. Mann in Round, Crawford & Mann, 1990		163907	Frustulia cuspidata Kützing, 1833 Navicula cuspidata (Kützing) Kützing, 1844 Schizonema cuspidatum (Kützing) Kuntze, 1898 Vanheurckia cuspidata (Kützing) Brébisson, 1869 (synonym)					*	

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Naviculales	Stauroneidaceae	Craticula	<i>Craticula halophila</i> (Grunow ex Van Heurck) D.G. Mann in Round et al., 1990		163909	<i>Navicula cuspidata</i> var. <i>halophila</i> Grunow ex Van Heurck, 1885 <i>Navicula halophila</i> (Grunow ex Van Heurck) P.T. Cleve, 1894 <i>Navicula halophila</i> var. <i>subcapitata</i> Østrup, 1910 <i>Navicula simplex</i> Krasske, 1925			*			
Naviculales	Naviculaceae	Haslea Simonsen, 1974	<i>Haslea</i> sp.		149210		*					
Naviculales	Naviculaceae	Hippodonta	<i>Hippodonta hungarica</i> (Grunow) Lange-Bertalot, Metzeltin & Witkowski, 1996		447740	<i>Navicula capitata</i> var. <i>hungarica</i> (Grunow) R.Ross, 1947 <i>Navicula humilis</i> Donkin, 1872 <i>Navicula hungarica</i> Grunow, 1860 <i>Navicula hungarica</i> f. <i>humilis</i> (Donkin) Cleve, 1953 <i>Navicula hungarica</i> var. <i>humilis</i> (Donkin) Gutwinski, 1899 <i>Navicula viridula</i> var. <i>hungarica</i> (Grunow) Peragallo & Peragallo, 1897			*		*	
Naviculales	Pinnulariaceae	Pinnularia	<i>Pinnularia aestuarii</i> Cleve 1895		610661	<i>Schizonema aestuarii</i> (Cleve) Kuntze, 1898					*	
Naviculales	Pinnulariaceae	Pinnularia	<i>Pinnularia borealis</i> Ehrenberg 1843		149476	<i>Navicula borealis</i> (Ehrenberg) Kützing, 1844 <i>Pinnularia chilensis</i> Bleisch, 1859 <i>Schizonema boreale</i> (Ehrenberg) Kuntze, 1898					*	
Naviculales	Pinnulariaceae	Pinnularia	<i>Pinnularia lundii</i> Hustedt 1954		610697	<i>Navicula globiceps</i> var. <i>crassior</i> Grunow, 1880 <i>Navicula interrupta</i> var. <i>crassior</i> (Grunow) Fricke, 1902 <i>Pinnularia globiceps</i> var. <i>crassior</i> Grunow, 1880 <i>Pinnularia interrupta</i> var. <i>crassior</i> (Grunow) Cleve, 1895					*	
Naviculales	Pinnulariaceae	Pinnularia	<i>Pinnularia major</i> (Kützing) Rabenhorst, 1853		149209	<i>Navicula major</i> (Kützing) Kützing			*			
Naviculales	Pinnulariaceae	Pinnularia	<i>Pinnularia microstauron</i> (Ehrenberg) P.T. Cleve, 1891		149475	<i>Stauoptera microstauron</i> Ehrenberg, 1843			*		*	
Naviculales	Pinnulariaceae	Pinnularia	<i>Pinnularia</i> sp.		149208				*			
Naviculales	Pinnulariaceae	Pinnularia	<i>Pinnularia undulata</i> W.Gregory		609948						*	
Naviculales	Pinnulariaceae	Pinnularia		<i>Pinnularia sillimanorum</i> Ehrenberg							*	
Naviculales	Pinnulariaceae	Pinnularia		<i>Pinnularia clavicus</i> (Gregory) Rabenhorst 1864							*	
Naviculales	Pinnulariaceae	Pinnularia		<i>Pinnularia microstauron</i> v. <i>ambigua</i> Meist.					*			
Naviculales	Sellaphoraceae	Fallacia	<i>Fallacia pygmaea</i> (Kützing) Stickle & Mann in Round et al., 1990		172380	<i>Lyrella pygmaea</i> (Kützing) Makarova & Karajeva, 1987 <i>Navicula pygmaea</i> Kützing, 1849	*		*		*	

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						<i>Schizonema pygmaeum</i> (Kützing) Kuntze, 1898						
Naviculales	Stauroneidaceae	Stauroneis	<i>Stauroneis anceps</i> Ehrenberg, 1843		149413	<i>Navicula anceps</i> (Ehrenberg) Mann, 1907 <i>Schizonema anceps</i> (Ehrenberg) Kuntze, 1898 <i>Stauroneis amphicephala</i> Kützing, 1844 <i>Stauroneis anceps</i> f. <i>gracilis</i> (Ehrenberg) Cleve <i>Stauroneis anceps</i> var. <i>amphicephala</i> (Kützing) van Heurck <i>Stauroneis anceps</i> var. <i>amphicephala</i> (Kützing) Cleve, 1894			*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis bombus</i> (Ehrenberg) Cleve, 1894		149194	<i>Navicula bombus</i> (Ehrenb.) Greg. 1857 <i>Pinnularia bombus</i> Ehrenberg, 1844			*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis chersonensis</i> (Grun. In A. Schmidt) Cleve, 1894		179856	<i>Navicula chersonensis</i> Grun. In A. Schmidt, 1876			*		*	
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis crabro</i> Ehrenberg, 1844		149396	<i>Navicula crabro</i> (Ehrenberg) Kützing, 1849 <i>Pinnularia crabro</i> Ehrenberg, 1844 <i>Schizonema crabro</i> (Ehrenberg) Kuntze, 1898 (synonym)					*	
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis didyma</i> (Ehrenberg) Ehrenberg, 1845		149195	<i>Diploneis didyma</i> (Ehrenberg) Ehrenberg, 1839 <i>Navicula didyma</i> Ehrenberg, 1845 <i>Pinnularia didyma</i> Ehrenberg, 1844	*		*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis elliptica</i> (Kützing) P.T. Cleve, 1894		156558	<i>Diploneis elliptica</i> var. <i>grandis</i> (Grunow) Cleve, 1894 <i>Navicula elliptica</i> Kützing, 1844 <i>Navicula elliptica</i> var. <i>grandis</i> Grunow, 1882 <i>Schizonema ellipticum</i> (Kützing) Kuntze, 1898			*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis fusca</i> (W. Gregory) Cleve, 1894		149398	<i>Navicula fusca</i> (Gregory) Ralfs, 1861 <i>Navicula smithii</i> var. <i>fusca</i> Gregory, 1857			*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis interrupta</i> (Kützing) P.T. Cleve, 1894		149019	<i>Navicula heeri</i> Pantocsek, 1889 <i>Navicula interrupta</i> Kützing, 1844 <i>Schizonema interruptum</i> (Cleve) Kuntze, 1898 (synony)			*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis interrupta</i> var. <i>heeri</i> (Pantocsek) Hustedt, 1937		164044				*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis littoralis</i> (Donkin) Cleve, 1894		149404				*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis notabilis</i> (Grev.) Cleve, 1894		179942	<i>Navicula notabilis</i> Grev., 1863			*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis oblongella</i> (Nägeli ex Kützing) Cleve-Euler, 1922		164048	<i>Diploneis ovalis oblongella</i> (Naegeli in Kützing) Cleve, 1894 <i>Navicula oblongella</i> Nägeli in Kützing, 1849 <i>Navicula oblongella</i> (Nageli ex Kütz.) R. Ross, 1947			*			

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Naviculales	Diploneidaceae	Diploneis	<i>Diploneis ovalis</i> (Hilse in Rabenhorst) P.T. Cleve, 1891		149405	<i>Navicula ovalis</i> (Hilse in Rabenhorst) A. Schmidt, 1874 <i>Pinnularia ovalis</i> Hilse in Rabenhorst, 1861	*		*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis papula</i> (A. Schmidt) P.T. Cleve, 1894		164057	<i>Navicula papula</i> A. Schmidt, 1875			*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis pseudovalis</i> Hust. 1930		179963				*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis smithii</i> (Brébisson in W. Smith) P.T. Cleve, 1894		149397	<i>Navicula smithii</i> Brébisson in W. Smith, 1856			*		*	
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis smithii</i> var. <i>pumila</i> (Grunow) Hustedt, 1937		164072	<i>Navicula ovalis</i> var. <i>pumila</i> Grunow, 1882			*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis smithii</i> var. <i>rhombica</i> Mereschkowski, 1902		164081	<i>Diploneis smithii</i> f. <i>rhombica</i> Mereschkowsky, 1902			*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis subadvena</i> Hust. 1937		179972				*			
Naviculales	Diploneidaceae	Diploneis	<i>Diploneis vacillans</i> (A. Schmidt) P.T. Cleve, 1894		149399	<i>Navicula vacillans</i> f. <i>minuta</i> Grun. In Van Heurck, 1880			*			
Naviculales	Diploneidaceae	Diploneis		<i>Diploneis notabilis</i> v. <i>tenera</i> Pr.-Lavr.					*			
Naviculales	Diploneidaceae	Diploneis		<i>Diploneis smithii</i> v. <i>constricta</i> Heid.					*			
Naviculales	Naviculaceae	Adlafia		<i>Adlafia brockmannii</i> (Hustedt) Bruder & Hinz in Bruder & Medlin 2008							*	
Naviculales	Naviculaceae	Decussata	<i>Decussata placenta</i> (Ehrenberg) Lange-Bertalot & Metzeltin, 2000		617471	<i>Ceratoneis placenta</i> Ehrenberg, 1854 <i>Navicula placenta</i> Ehrenberg, 1854 <i>Schizonema placenta</i> (Ehrenberg) Kuntze, 1898			*			
Naviculales	Naviculaceae	Navicula	<i>Navicula abrupta</i> (W. Gregory) Donkin, 1870		149431				*			
Naviculales	Naviculaceae	Navicula	<i>Navicula cancellata</i> Donkin, 1873		149468	<i>Navicula retusa</i> var. <i>cancellata</i> (Donkin) R. Ross, 1986	*		*		*	
Naviculales	Naviculaceae	Navicula	<i>Navicula capitata</i> var. <i>capitata</i>		172682	<i>Navicula hungarica</i> var. <i>capitata</i> (Ehrenberg) P.T. Cleve, 1895			*			
Naviculales	Naviculaceae	Navicula	<i>Navicula capitatoradiata</i> Germain, 1981		609874	<i>Navicula cryptocephala</i> var. <i>intermedia</i> Grunow, 1880 <i>Navicula salinarum</i> var. <i>intermedium</i> (Grunow) Cleve, 1895			*			
Naviculales	Naviculaceae	Navicula	<i>Navicula cincta</i> (Ehrenberg) Ralfs, 1861		149451	<i>Navicula cari</i> var. <i>cincta</i> (Ehrenberg) Lange-Bertalot, 1980 (synonym)					*	
Naviculales	Naviculaceae	Navicula	<i>Navicula cryptocephala</i> Kützing, 1844		149203	<i>Navicula cryptocephala</i> Lange-Bertalot, 1993 <i>Schizonema cryptocephalum</i> (Kützing) Kuntze, 1898	*		*			
Naviculales	Naviculaceae	Navicula	<i>Navicula cryptocephala</i> var. <i>veneta</i> (Kützing) Rabenhorst, 1864		175330	<i>Navicula veneta</i> Kützing, 1844 <i>Navicula cryptocephala</i> f. <i>veneta</i> (Kützing) Hustedt, 1957 <i>Navicula cryptocephala</i> var. <i>pumila</i> (Grunow) Cleve, 1895 <i>Navicula pumila</i> Grunow, 1880			*			

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Naviculales	Naviculaceae	Navicula	<i>Navicula cryptotenella</i> Lange-Bertalot, 1985		172711	<i>Navicula radiosa</i> var. <i>tenella</i> (Brébisson ex Kützing) Van Heurck, 1885 <i>Navicula tenella</i> Brébisson ex Kützing, 1849 sensu Grunow, 1880			*		*	
Naviculales	Naviculaceae	Geissleria	<i>Geissleria decussis</i> (Østrup) Lange-Bertalot & Metzeltin, 1996		614181	<i>Navicula decussis</i> Østrup, 1910 <i>Navicula exiguiformis</i> Hustedt, 1944 <i>Navicula exiguiformis</i> f. <i>capitata</i> Hustedt, 1944 <i>Navicula terebrata</i> Hustedt, 1944 <i>Placoneis exiguiformis</i> (Hustedt) Lange-Bertalot, 2005			*			
Naviculales	Naviculaceae	Navicula	<i>Navicula digitoradiata</i> (Gregory) Ralfs in Pritchard, 1861		149459	<i>Pinnularia digitoradiata</i> Gregory 1856			*			
Naviculales	Naviculaceae	Navicula	<i>Navicula directa</i> (W. Smith) Ralfs in Pritchard, 1861		149467	<i>Pinnularia directa</i> W. Smith, 1853	*		*			
Naviculales	Naviculaceae	Navicula	<i>Navicula distans</i> (W. Smith) Ralfs, 1861		149143	<i>Pinnularia distans</i> W. Smith, 1853	*		*			
Naviculales	Naviculaceae	Navicula	<i>Navicula exigua</i> Gregory, 1854		149465				*			
Naviculales	Naviculaceae	Navicula	<i>Navicula finmarchica</i> (Cleve et Grun.) Cleve, 1826		180556				*			
Naviculales	Naviculaceae	Navicula	<i>Navicula forcipata</i> var. <i>densistriata</i> A. Schmidt, 1881		180563				*			
Naviculales	Naviculaceae	Navicula	<i>Navicula globosa</i> Meister, 1934		180576						*	
Naviculales	Naviculaceae	Navicula	<i>Navicula gregaria</i> Donkin, 1861		172799	<i>Navicula gregalis</i> Cholnoky, 1963 <i>Schizonema gregarium</i> (Donkin) Kuntze, 1898			*		*	
Naviculales	Naviculaceae	Navicula	<i>Navicula grevillei</i> (Agardh) Heiberg, 1863		180753				*			
Naviculales	Naviculaceae	Navicula	<i>Navicula hammulifera</i> Grun. In Cleve et Grun.		180585				*			
Naviculales	Naviculaceae	Navicula	<i>Navicula laterostrata</i> Hustedt, 1925		172821	<i>Navicula inflata</i> var. <i>laterostrata</i> (Hustedt) Cleve-Euler, 1953			*			
Naviculales	Naviculaceae	Navicula	<i>Navicula libonensis</i> Schoeman, 1970		610515	<i>Navicula schubartii</i> var. <i>africana</i> Archibald, 1966 <i>Navicula viridula</i> var. <i>pamirensis</i> Hustedt, 1922 (synonym)					*	
Naviculales	Naviculaceae	Navicula	<i>Navicula menisculus</i> Schumann, 1867 †		149458	<i>Navicula meniscus</i> var. <i>menisculus</i> (Schumann) Cleve-Euler, 1922 † <i>Navicula peregrina</i> var. <i>menisculus</i> (Schumann) A. Mayer, 1912 † <i>Navicula peregrina</i> var. <i>menisculus</i> (Schumann) Grunow, 1880 †			*			
Naviculales	Naviculaceae	Navicula	<i>Navicula minima</i> Grunow, 1880		172829	<i>Eolimna minima</i> (Grunow) Lange-Bertalot, 1998 <i>Navicula atomoides</i> Grunow, 1880 <i>Navicula minima</i> var. <i>atomoides</i> (Grunow) Cleve, 1894 <i>Navicula minuta</i> var. <i>atomoides</i> (Grunow) Skvortzow & Meyer, 1928					*	

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						Schizonema minimum (Grunow) Kuntze, 1898						
Naviculales	Naviculaceae	Navicula	<i>Navicula palpebralis</i> Brébisson ex W.Smith, 1853		149472	Schizonema palpebrale (Brébisson ex W.Smith) Kuntze, 1898			*			
Naviculales	Naviculaceae	Navicula	<i>Navicula palpebralis</i> var. <i>semiterna</i> (Gregory) Cleve		590730				*			
Naviculales	Naviculaceae	Navicula	<i>Navicula pennata</i> A. Schmidt, 1876		180714	Schizonema pennatum (A.Schmidt) Kuntze, 1898	*		*		*	
Naviculales	Naviculaceae	Navicula	<i>Navicula pennata</i> var. <i>pontica</i> Mer.		590731				*		*	
Naviculales	Naviculaceae	Navicula	<i>Navicula peregrina</i> (Ehrenberg) Kützing, 1844		149456	Pinnularia peregrina Ehrenberg, 1843			*			
Naviculales	Naviculaceae	Navicula	<i>Navicula phyllepta</i> Kützing, 1844		172845	Navicula istriana (Grunow) Pantocsek, 0 Navicula lanceolata var. <i>phyllepta</i> (Kützing) van Heurck, 1885 Navicula lanceolata var. <i>phylleta</i> (Kütz.) Van Heurck, 1885 Navicula minuscula var. <i>istriana</i> Grunow, 1880					*	
Naviculales	Naviculaceae	Navicula	<i>Navicula pi</i> Cleve		590732				*			
Naviculales	Naviculaceae	Navicula	<i>Navicula platystoma</i> Ehrenberg, 1838		172848				*			
Naviculales	Naviculaceae	Navicula	<i>Navicula radiosa</i> Kützing, 1844		149453	Navicula acuta (W.Smith) O'Meara, 1875 Navicula gracilis var. <i>radiosa</i> (Kützing) Rabenhorst, 1847 Navicula radiosa var. <i>acuta</i> (W.Smith) Grunow, 1860 Pinnularia acuta W.Smith, 1853 Pinnularia radiosa Rabenhorst, 1853 Schizonema radiosum (Kützing) Kuntze, 1898			*		*	
Naviculales	Naviculaceae	Navicula	<i>Navicula ramosissima</i> Ag.		149643	Schizonema ramosissima Ag., 1824			*			
Naviculales	Naviculaceae	Navicula	<i>Navicula resecta</i> J.R.Carter 1981		180785						*	
Naviculales	Naviculaceae	Navicula	<i>Navicula rhynchocephala</i> Kützing, 1844		149444	Navicula rhynchocephala var. <i>constricta</i> Hustedt, 1954 Schizonema rhynchocephala (Kützing) Kuntze, 1898	*		*		*	
Naviculales	Naviculaceae	Navicula	<i>Navicula salinarum</i> f. <i>capitata</i> Schulz, 1926		172853				*			
Naviculales	Naviculaceae	Navicula	<i>Navicula salinarum</i> Grunow in Cleve & Grunow, 1880		149443	Schizonema salinarum (Grunow) Kuntze, 1898			*		*	
Naviculales	Naviculaceae	Navicula	<i>Navicula</i> sp.		149142		*		*			
Naviculales	Naviculaceae	Navicula	<i>Navicula transitans</i> var. <i>derasa</i> (Grunow in Cleve & Grunow) P.T. Cleve, 1883		175320	<i>Navicula derasa</i> Grunow in Cleve & Grunow, 1880	*					
Naviculales	Naviculaceae	Navicula	<i>Navicula tripunctata</i> (O.F.Müller) Bory de Saint-Vincent, 1822		149204	Colletonema neglectum (Thwaites) W.Smith, 1856 Frustulia neglecta (Thwaites) De Toni, 1891 Navicula gracilis Ehrenberg, 1832 Navicula gracilis var. <i>neglecta</i> (Thwaites) Grunow, 188			*		*	

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						Navicula neglecta (Thwaites) Petit, 1877 Navicula transversa Bory de Saint-Vincent, 1824 Schizonema neglectum Thwaites, 1848 Vanheurckia neglectum (Thwaites) F.W.Mills, 1935 Vanheurckia rhomboides var. neglecta (Thwaites) Playfair, 1913 Vibrio tripunctatus O.F.Müller, 1786						
Naviculales	Naviculaceae	Navicula	<i>Navicula trivialis</i> Lange-Bertalot 1980		609916						*	
Naviculales	Naviculaceae	Navicula	<i>Navicula viridula</i> (Kützing) Ehrenberg, 1838		149447	Frustulia viridula Kützing, 1833			*			
Naviculales	Naviculaceae	Navicula	<i>Navicula vulpina</i> Kützing, 1844		175340	Navicula gracilis var. vulpina (Kützing) Rabenhorst, 1847 Navicula viridula var. vulpina (Kützing) Lange-Bertalot, 1980 Schizonema vulpinum (Kützing) Kuntze, 1898			*			
Naviculales	Naviculaceae	Navicula	<i>Navicula bicapitellata</i> Hustedt, 1925		611392				*			
Naviculales	Naviculaceae	Navicula		<i>Navicula cryptocephala</i> v. <i>lata</i> Porecka et Anisimowa					*			
Naviculales	Naviculaceae	Navicula		<i>Navicula digitoradiata cyprinus</i> (Ehr.)W.Sm.					*			
Naviculales	Naviculaceae	Navicula		<i>Navicula grevillei</i> v. <i>pararhombica</i> Pr.-Lavr.					*			
Naviculales	Naviculaceae	Navicula		<i>Navicula grevillei</i> v. <i>remotiva</i> Pr.-Lavr.					*			
Naviculales	Naviculaceae	Navicula		<i>Navicula halophila</i> v. <i>convergens</i> Pr.-Lavr.					*			
Naviculales	Naviculaceae	Navicula		Navicula latissima var. <i>capitata</i> Pantocsek							*	
Naviculales	Naviculaceae	Navicula		<i>Navicula lyra</i> v. <i>atlantica</i> A.S.					*			
Naviculales	Naviculaceae	Navicula		<i>Navicula lyra</i> v. <i>ehrenbergii</i> Cl.					*			
Naviculales	Naviculaceae	Neidiopsis	<i>Neidiopsis levanderi</i> (Hustedt) Lange-Bertalot & Metzeltin, 1999		613290	Navicula levanderi Hustedt, 1934 Neidium levanderi (Hustedt) Lange-Bertalot & Metzeltin, 1996					*	
Naviculales	Naviculaceae	Neidium	<i>Neidium dubium</i> (Ehrenberg) Cleve, 1894		175353	Navicula dubia Ehrenberg, 1843 Navicula iridis var. dubia (Ehrenberg) van Heurck, 1885 Neidium affine var. dubia (Ehrenberg) Frenguelli, 1942 Neidium iridis var. dubia (Ehrenberg) Frenguelli, 1933 Schizonema dubium (Ehrenberg) Kuntze, 1898					*	
Naviculales	Pleurosigmataceae	Gyrosigma	<i>Gyrosigma acuminatum</i> (Kützing) Rabenhorst, 1853		149035	Frustulia acuminata Kützing, 1833 Pleurosigma acuminatum (Kützing) W. Smith, 1852			*		*	



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Naviculales	Pleurosigmataceae	Gyrosigma	<i>Gyrosigma balticum</i> (Ehrenberg) Rabenhorst		149493	<i>Navicula baltica</i> Ehrenberg, 1838 <i>Pleurosigma balticum</i> (Ehrenberg) W.Smith, 1852 <i>Scalptrum balticum</i> (Ehrenberg) Kuntze, 1891 (synonym)					*	
Naviculales	Pleurosigmataceae	Gyrosigma	<i>Gyrosigma distortum</i> (W. Smith) Griffith & Henfrey, 1856		609952	<i>Pleurosigma distortum</i> W. Smith, 1852	*					
Naviculales	Pleurosigmataceae	Gyrosigma	<i>Gyrosigma eximium</i> (Thwaites) Boyer 1927		172522	<i>Colletonema eximium</i> (Thwaites) Kützing, 1849 <i>Endosigma eximium</i> (Thwaites) Juhlin-Dannfelt, 1882 <i>Gyrosigma scalproides</i> var. <i>eximium</i> (Thwaites) P.T. Cleve, 1894 <i>Pleurosigma eximium</i> (Thwaites) Grunow, 1880 <i>Scalptrum eximium</i> (Thwaites) Kuntze, 1891 <i>Schizonema eximium</i> Thwaites, 1848					*	
Naviculales	Pleurosigmataceae	Gyrosigma	<i>Gyrosigma obscurum</i> (W.Smith) J.W.Griffith & Henfrey 1856		156569	<i>Pleurosigma obscurum</i> W.Smith, 1852 <i>Scalptrum obscurum</i> (W.Smith) Kuntze, 1891					*	
Naviculales	Pleurosigmataceae	Gyrosigma	<i>Gyrosigma rectum</i> var. <i>minimum</i> (Donk.) Cleve, 1894		180332				*			
Naviculales	Pleurosigmataceae	Gyrosigma	<i>Gyrosigma tenuissimum</i> (W. Smith) Griffith & Henfrey, 1856		157069				*			
Naviculales	Pleurosigmataceae	Gyrosigma		<i>Gyrosigma fasciola</i> var. <i>prolongatum</i> (W.Smith) Cleve							*	
Naviculales	Pleurosigmataceae	Gyrosigma		<i>Gyrosigma fasciola</i> (Ehr.) v. <i>prolongatum</i> (W.Sm.)Cl.					*			
Naviculales	Pleurosigmataceae	Plagiotropis	<i>Plagiotropis lepidoptera</i> (Gregory) Kuntze, 1898		149517	<i>Amphiprora lepidoptera</i> Gregory, 1857 <i>Tropidoneis lepidoptera</i> (Gregory) Cleve, 1894			*		*	
Naviculales	Pleurosigmataceae	Plagiotropis		<i>Plagiotropis gibberula</i> Grunow 1880							*	
Naviculales	Pleurosigmataceae	Pleurosigma	<i>Pleurosigma aestuarii</i> (Brébisson ex Kützing) W.Smith 1853		149506	<i>Gyrosigma aestuarii</i> (Brébisson ex Kützing) Griffith & Henfrey, 1856 <i>Navicula aestuarii</i> Brébisson ex Kützing, 1849 <i>Pleurosigma angulatum</i> var. <i>aestuarii</i> (Brébisson) van Heurck, 1885					*	
Naviculales	Pleurosigmataceae	Pleurosigma	<i>Pleurosigma angulatum</i> (Quekett) W. Smith, 1852		149183	<i>Navicula angulata</i> Quekett 1848			*		*	
Naviculales	Pleurosigmataceae	Pleurosigma	<i>Pleurosigma cuspidatum</i> (Cleve) H.Peragallo, 1891		149507	<i>Pleurosigma lanceolatum</i> var. <i>cuspidatum</i> Cleve, 1881 (synonym)			*			
Naviculales	Pleurosigmataceae	Pleurosigma	<i>Pleurosigma delicatum</i> W. Smith, 1852		149508	<i>Gyrosigma delicatum</i> (W.Smith) Griffith & Henfrey, 1856 <i>Pleurosigma angulatum</i> var. <i>delicatum</i> (W.Smith) van Heurck, 1885					*	
Naviculales	Pleurosigmataceae	Pleurosigma	<i>Pleurosigma elongatum</i> W. Smith, 1852		149503	<i>Gyrosigma elongatum</i> (W.Smith) Griffith & Henfrey, 1856	*		*		*	

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						Gyrosigma elongatum (W.Smith) G.S.West, 1909 Pleurosigma angulatum var. elongatum (W.Smith) van Heurck, 1885						
Naviculales	Pleurosigmataceae	Pleurosigma	<i>Pleurosigma formosum</i> W. Smith, 1852		156580				*			
Naviculales	Pleurosigmataceae	Pleurosigma	<i>Pleurosigma normanii</i> Ralfs in Pritchard		149182	Gyrosigma normanii (Ralfs) Mann, 1907 Pleurosigma affine Grunow, 1880 Pleurosigma affine normanii Ralfs Scalptrum normanii (Ralfs) Kuntze, 1891					*	
Naviculales	Pleurosigmataceae	Pleurosigma	<i>Pleurosigma rigidum</i> W.Smith, 1853		576676		*		*		*	
Naviculales	Pleurosigmataceae	Pleurosigma	<i>Pleurosigma salinarum</i> (Grunow) Grunow in Cleve & Grunow, 1880		149509	Pleurosigma angulatum f. salinarum (Grunow) De Toni, 1891 Pleurosigma delicatulum var. salinarum Grunow, 1878 Pleurosigma pusillum Grunow, 1880 Pleurosigma pusillum var. salinarum (Grunow) H.Peragallo, 1891 Pleurosigma salinarum var. pusilla (Grunow) Cleve, 1894 Scalptrum pusillum (Grunow) Kuntze, 1891 Scalptrum salinarum (Grunow) Kuntze, 1891			*			
Naviculales	Pleurosigmataceae	Pleurosigma	<i>Pleurosigma strigosum</i> W.Smith, 1852		156586	Gyrosigma strigosum (W.Smith) Griffith & Henfrey, 1856 Pleurosigma angulatum var. strigosum (W.Smith) Van Heurck, 1885 (synonym)			*			
Naviculales	Pleurosigmataceae	Pleurosigma	<i>Pleurosigma</i> W.Smith, 1852 sp.		149181				*			
Naviculales	Pleurosigmataceae	Pleurosigma		<i>Pleurosigma cuspidatum</i> v. <i>rostratum</i> Pr.-Lavr.					*			
Naviculales	Pleurosigmataceae	Pleurosira	<i>Pleurosira laevis</i> (Ehrenberg) Compère, 1982		163322	Biddulphia laevis Ehrenberg, 1843			*			
Naviculales	Sellaphoraceae	Fallacia	<i>Fallacia forcipata</i> (Greville) Stickle & Mann, 1990		418412	<i>Navicula forcipata</i> Greville, 1859 <i>Navicula lyra</i> var. <i>forcipata</i> (Greville) O'Meara, 1875 <i>Schizonema forcipatum</i> (Greville) Kuntze, 1898	*		*		*	
Naviculales	Sellaphoraceae	Sellaphora	<i>Sellaphora hustedtii</i> (Krasske) Lange- Bertalot & Werum, 2004		622484	<i>Navicula hustedtii</i> Krasske, 1923 <i>Navicula hustedtii</i> f. <i>philippina</i> Skvortzov, 1937			*			
Naviculales	Sellaphoraceae	Sellaphora	<i>Sellaphora pupula</i> (Kützing) Mereschkowsky, 1902		157079	<i>Navicula pupula</i> Kützing, 1844 <i>Navicula pupula</i> rostrata Hustedt, 1911 <i>Navicula pupula</i> var. <i>capitata</i> Skvortzow & Meyer, 1928 <i>Navicula pupula</i> var. <i>capitata</i> Hustedt, 1930 <i>Navicula pupula</i> var. <i>elliptica</i> Hustedt, 1911			*			

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						Navicula pupula var. mutata (Krasske) Hustedt, 1930 Navicula pupula var. rectangularis (Gregory) Grunow in Cleve & Grunow, 1880						
Paraliales	Paraliaceae	Ellerbeckia	<i>Ellerbeckia arenaria</i> (Moore ex Ralfs) R.M.Crawford, 1988		163240	Melosira arenaria Moore ex Ralfs, 1843 (synonym)					*	
Paraliales	Paraliaceae	Paralia	<i>Paralia sulcata</i> (Ehrenberg) P.T. Cleve, 1873		149055	<i>Melosira marina</i> (W.Smith) Janisch, 1862 <i>Melosira sulcata</i> (Ehrenberg) Kützing, 1844 <i>Orthoseira marina</i> W.Smith, 1856 <i>Paralia marina</i> (W.Smith) Heiberg	*		*		*	
Rhizosoleniales	Rhizosoleniaceae	Rhizosolenia	<i>Rhizosolenia acuminata</i> (Peragallo 1892) Gran, 1905		196805	Rhizosolenia temperei var. acuminata H.Peragallo, 1892					*	
Rhizosoleniales	Rhizosoleniaceae	Rhizosolenia	<i>Rhizosolenia decipiens</i> B.G.Sundström 1986		573571						*	
Rhizosoleniales	Rhizosoleniaceae	Rhizosolenia	<i>Rhizosolenia hebetata</i> f. <i>semispina</i> (Hensen) Gran, 1905		149071						*	
Rhizosoleniales	Rhizosoleniaceae	Rhizosolenia	<i>Rhizosolenia hebetata</i> J.W.Bailey, 1856		149070	Rhizosolenia hebetata f. hiemalis Gran, 1904					*	
Rhizosoleniales	Rhizosoleniaceae	Rhizosolenia	<i>Rhizosolenia imbricata</i> Brightwell, 1858		149116	<i>Rhizosolenia imbricata</i> var. <i>shrubsolei</i> (Cleve) Schröder, 1906 <i>Rhizosolenia imbricata</i> var. <i>striata</i> (Greville) Grunow, 1882 <i>Rhizosolenia shrubsolei</i> Cleve, 1881					*	
Rhizosoleniales	Rhizosoleniaceae	Rhizosolenia	<i>Rhizosolenia setigera</i> Brightwell, 1858		149115	<i>Rhizosolenia henseni</i> Schütt, 1900 <i>Rhizosolenia japonica</i> Castracane, 1886	*				*	
Rhizosoleniales	Rhizosoleniaceae	Rhizosolenia	<i>Rhizosolenia setigera</i> f. <i>pungens</i> (Cleve-Euler) Brunel 1962		547544	<i>Rhizosolenia pungens</i> Cleve-Euler, 1937					*	
Rhizosoleniales	Rhizosoleniaceae	Rhizosolenia	<i>Rhizosolenia styliformis</i> Brightwell, 1858		149629	<i>Rhizosolenia styliformis</i> var. <i>longispina</i> Hustedt, 1914	*				*	
Rhizosoleniales	Rhizosoleniaceae	Proboscia	<i>Proboscia alata</i> (Brightwell) Sundström, 1986		149168	<i>Rhizosolenia alata</i> Brightwell, 1858 <i>Rhizosolenia alata</i> f. <i>gracillima</i> <i>Rhizosolenia alata</i> var. <i>gracillima</i> (P.T. Cleve) Grunow in Van Heurck, 1880-81	*		*		*	
Rhizosoleniales	Rhizosoleniaceae	Proboscia	<i>Proboscia alata</i> f. <i>alata</i> (Brightwell) Sündstrom, 1986		251728	<i>Rhizosolenia alata</i> var. <i>alata</i>					*	
Rhizosoleniales	Rhizosoleniaceae	Proboscia	<i>Proboscia indica</i> (Peragallo) Hernández-Becerril, 1995		345513	<i>Rhizosolenia alata</i> f. <i>indica</i> (H.Peragallo) Gran, 1905 <i>Rhizosolenia alata</i> var. <i>indica</i> (Peragallo) Ostenfeld <i>Rhizosolenia indica</i> Peragallo, 1892					*	
Rhizosoleniales	Rhabdonemataceae	Rhabdonema	<i>Rhabdonema adriaticum</i> Kützing, 1844		157074				*		*	
Rhizosoleniales	Rhabdonemataceae	Rhabdonema	<i>Rhabdonema minutum</i> Kützing 1844		175790						*	
Rhizosoleniales	Rhizosoleniaceae	Dactyliosolen	<i>Dactyliosolen fragilissimus</i> (Bergon) G. R. Hasle, 1997		149310	<i>Rhizosolenia fragilissima</i> Bergon, 1903	*		*		*	
Rhizosoleniales	Rhizosoleniaceae	Guinardia	<i>Guinardia delicatula</i> (Cleve) Hasle, 1997		149112	<i>Rhizosolenia delicatula</i> P.T. Cleve, 1900	*					

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Rhizosoleniales	Rhizosoleniaceae	Guinardia	<i>Guinardia striata</i> (Stoltherfoth) Hasle, 1997		149113	<i>Eucampia striata</i> Stoltherfoth, 1879 <i>Rhizosolenia stoltherfothii</i> H. Peragallo, 1888	*				*	
Rhizosoleniales	Rhizosoleniaceae	Pseudosolenia	<i>Pseudosolenia calcar-avis</i> (Schultze) Sundström, 1986		163344	<i>Rhizosolenia calcar-avis</i> Schultze, 1858	*		*		*	
Rhopalodiales	Rhopalodiaceae	Epithemia	<i>Epithemia adnata</i> (Kützing) Brébisson, 1838		172276	<i>Cystopleura zebra</i> (Ehrenberg) Kuntze, 1891 <i>Epithemia zebra</i> (Ehrenberg) Kützing, 1844 <i>Frustulia adnata</i> Kützing, 1833 <i>Navicula zebra</i> Ehrenberg, 1833					*	
Rhopalodiales	Rhopalodiaceae	Epithemia	<i>Epithemia adnata</i> var. <i>porcellus</i> (Kütz.) R. Ross, 1950	unaccepted In quarantine	180000	<i>Cystopleura zebra</i> var. <i>porcellus</i> (Kütz.) De Toni, 1892 <i>Epithemia porcellus</i> Kütz., 1844 <i>Epithemia zebra</i> var. <i>porcellus</i> (Kützing) Grunow, 1862			*			
Rhopalodiales	Rhopalodiaceae	Epithemia	<i>Epithemia sorex</i> Kützing, 1844		149564	<i>Cystopleura sorex</i> (Kützing) Kuntze, 1891 <i>Eunotia sorex</i> (Kützing) G.L.Rabenhorst, 1853 <i>Eunotia westermanni</i> var. <i>sorex</i> (Kützing) G.L.Rabenhorst, 1847	*		*		*	
Rhopalodiales	Rhopalodiaceae	Epithemia	<i>Epithemia</i> sp.		149026				*			
Rhopalodiales	Rhopalodiaceae	Epithemia	<i>Epithemia turgida</i> (Ehrenberg) Kützing, 1844		149027	<i>Cymbella turgida</i> (Ehrenberg) Hassall, 1845 <i>Cystopleura turgida</i> (Ehrenberg) Kuntze, 1891 <i>Navicula turgida</i> Ehrenberg, 1830 <i>Rhopalodia turgida</i>			*			
Rhopalodiales	Rhopalodiaceae	Epithemia	<i>Epithemia turgida</i> var. <i>granulata</i> (Ehrenberg) Brun, 1880		172293	<i>Cystopleura turgida</i> var. <i>granulata</i> (Ehrenberg) De Toni, 1892 <i>Epithemia granulata</i> (Ehrenberg) Kützing, 1844 <i>Epithemia turgida</i> f. <i>granulata</i> (Ehrenberg) Hustedt, 1957 <i>Eunotia granulata</i> Ehrenberg, 1836			*			
Rhopalodiales	Rhopalodiaceae	Rhopalodia	<i>Rhopalodia acuminata</i> var. <i>protracta</i> (Grunow) Krammer in Lange-Bertalot & Krammer, 1987		175808	<i>Epithemia gibberula</i> var. <i>protracta</i> Grunow in Van Heurck, 1885 <i>Rhopalodia gibberula</i> var. <i>protracta</i> (Grunow) O. Müller, 1899			*			
Rhopalodiales	Rhopalodiaceae	Rhopalodia	<i>Rhopalodia gibba</i> (Ehrenberg) G.F.O. Müller, 1895		149566	<i>Epithemia gibba</i> (Ehrenberg) Kützing, 1844 <i>Epithemia ventricosa</i> Kützing, 1844 <i>Navicula gibba</i> Ehrenberg, 1832 <i>Rhopalodia gibba</i> var. <i>ventricosa</i> <i>Rhopalodia ventricosa</i> (Kützing) O. Müller, 1895			*		*	
Rhopalodiales	Rhopalodiaceae	Rhopalodia	<i>Rhopalodia gibba</i> var. <i>parallela</i> (Grunow) H.Peragallo & M.Peragallo, 1900		175849	<i>Epithemia gibba</i> var. <i>parallela</i> Grunow, 1862 <i>Rhopalodia parallela</i> (Grunow) O. Müller, 1895			*			

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Rhopalodiales	Rhopalodiaceae	Rhopalodia	<i>Rhopalodia musculus</i> (Kützing) O.F. Müller, 1900		149569	Epithemia musculus Kützing, 1844			*		*	
Striatellales	Striatellaceae	Striatella	<i>Striatella delicatula</i> (Kützing) Grunow ex Van Heurck, 1881		248092		*		*		*	
Striatellales	Striatellaceae	Striatella	<i>Striatella interrupta</i> (Ehrenberg) Heiberg, 1863		418645				*		*	
Striatellales	Striatellaceae	Striatella	<i>Striatella unipunctata</i> (Lyngbye) C. Agardh, 1830		149177	Fragilaria unipunctata Lyngbye, 1819	*		*		*	
Striatellales	Striatellaceae	Grammatophora	<i>Grammatophora angulosa</i> Ehrenberg, 1841		149336						*	
Striatellales	Striatellaceae	Grammatophora	<i>Grammatophora marina</i> (Lyngbye) Kützing, 1844		149338	<i>Diatoma marinum</i> Lyngbye, 1819	*		*		*	
Striatellales	Striatellaceae	Grammatophora	<i>Grammatophora oceanica</i> Ehrenberg, 1841		149339	Grammatophora marina var. communis Grunow ex Van Heurck, 1880			*			
Striatellales	Striatellaceae	Grammatophora	<i>Grammatophora serpentina</i> Ehrenberg, 1844		149340				*			
Surirellales	Surirellaceae	Campylodiscus	<i>Campylodiscus decorus</i> Brébisson, 1854		178003						*	
Surirellales	Surirellaceae	Campylodiscus	<i>Campylodiscus echeneis</i> Ehrenberg ex Kützing, 1844		163821	Campylosira echeneis Ehrenb			*			
Surirellales	Surirellaceae	Campylodiscus	<i>Campylodiscus fastuosus</i> Ehrenberg, 1845		156599	<i>Campylodiscus thuretii</i> de Brébisson <i>Campylodiscus parvulus</i> W.Smith, 1851	*		*			
Surirellales	Surirellaceae	Campylodiscus		<i>Campylodiscus thuretii</i> v. <i>lineolata</i> Pr.-Lavr.					*			
Surirellales	Surirellaceae	Surirella	<i>Surirella elegans</i> Ehrenberg		176070						*	
Surirellales	Surirellaceae	Surirella	<i>Surirella fastuosa</i> (Ehrenberg) Kützing, 1844		149615	Navicula fastuosa Ehrenberg, 1840	*		*			
Surirellales	Surirellaceae	Surirella	<i>Surirella minuta</i> Brébisson in Kützing, 1849		176078	Surirella ovalis var. pinnata (W. Smith) Van Heurck, 1881 Surirella ovalis var. salina (W. Smith) Van Heurck, 1896 Surirella ovata Kützing 1844, p.p. Surirella ovata var. pinnata (W. Smith) Brun, 1880 Surirella ovata var. salina (W. Smith) Rabenhorst, 1864 Surirella pinnata W. Smith, 1853 Surirella salina W. Smith, 1851			*		*	
Surirellales	Surirellaceae	Surirella	<i>Surirella ovalis</i> Brébisson, 1838		149087	Suriraya ovalis (Brébisson) Pfitzer, 1871 Surirella ovata var. ovalis (Brébisson) Kirchner, 1878			*		*	
Surirellales	Surirellaceae	Surirella	<i>Surirella striatula</i> P.J. Turpin, 1828		149614	Navicula striatula (Turpin) Ehrenberg, 1832 Novilla striatula (Turpin) Heiberg, 1863 Suriraya striatula (Turpin) Pfitzer, 1871			*			
Surirellales	Surirellaceae	Surirella	<i>Surirella splendida</i> (Ehrenberg) Kützing, 1844		176196	Navicula splendida Ehrenberg, 1832 Novilla splendida (Ehrenberg) Cleve, 1868 Suriraya splendida (Kützing) Pfitzer, 1871			*			

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						Surirella robusta var. splendida (Ehrenberg; Ehremberg) Van Heurck, 1885						
Surirellales	Surirellaceae	Surirella		<i>Surirella angustata</i> v. <i>constricta</i> f. <i>ovata</i> Skv.					*		*	
Surirellales	Surirellaceae	Surirella		<i>Surirella hybrida</i> v. <i>balteum</i> Brun.					*			
Surirellales	Surirellaceae	Surirella		<i>Surirella muelleri</i> A.I.Forti							*	
Surirellales	Surirellaceae	Cymatopleura	<i>Cymatopleura elliptica</i> (Brébisson ex Kützing) W. Smith, 1851		163940	Surirella elliptica Brébisson ex Kützing, 1844			*		*	
Surirellales	Surirellaceae	Cymatopleura	<i>Cymatopleura solea</i> (Brébisson) W. Smith, 1851		149008	Cymbella solea Brébisson, 1835 Surirella solea (Brébisson) Brébisson, 1838			*		*	
Surirellales	Surirellaceae	Cymbopleura	<i>Cymbopleura amphicephala</i> Näegeli, 1849		621828	Cymbella amphicephala Näegeli, 1849			*			
Surirellales	Surirellaceae	Cymbopleura	<i>Cymbopleura problematica</i> (Van Landingham) K.Krammer, 2003		621887	Cymbella navicula Skvortzov, 1937 Cymbella problematica VanLandingham, 1969			*			
Surirellales	Surirellaceae	Cymbopleura	<i>Dactyliosolen blavyanus</i> Hasle, 1975		179786	Guinardia blavyana H.Peragallo, 1892					*	
Surirellales	Surirellaceae	Petrodictyon	<i>Petrodictyon gemma</i> (Ehrenberg) D.G. Mann in Round et al., 1990		175560	Surirella gemma Ehrenberg, 1839	*		*		*	
Surirellales	Entomoneidaceae	Entomoneis	<i>Amphiprora gigantea</i> Grunow, 1860		160516				*			
Surirellales	Entomoneidaceae	Entomoneis	<i>Entomoneis alata</i> (Ehrenberg) Ehrenberg, 1845		157428	Amphiprora alata (Ehrenberg) Kützing, 1844 Navicula alata Ehrenberg, 1840			*		*	
Surirellales	Entomoneidaceae	Entomoneis	<i>Entomoneis paludosa</i> (W. Smith) Reimer, 1975		163646	<i>Amphiprora paludosa</i> W. Smith, 1853	*		*		*	
Thalassionematales	Thalassionemataceae	Thalassionema	<i>Thalassionema frauenfeldii</i> (Grunow) Hallegraeff, 1986		176352	<i>Asterionella frauenfeldii</i> Grunow, 1863 <i>Thalassiothrix frauenfeldii</i> (Grunow) Grunow in Cleve & Grunow, 1880	*				*	
Thalassionematales	Thalassionemataceae	Thalassionema	<i>Thalassionema nitzschioides</i> (Grunow) Mereschkowsky, 1902		149093	<i>Synedra nitzschioides</i> Grunow, 1862 <i>Thalassiothrix nitzschioides</i> (Grunow) Grunow in Van Heurck	*		*		*	
Thalassionematales	Thalassionemataceae	Thalassiosira	<i>Thalassiosira allenii</i> Takano, 1965		573627						*	
Thalassionematales	Thalassionemataceae	Thalassiothrix	<i>Thalassiothrix antarctica</i> A.Schimper ex G.Karsten, 1905		341540	<i>Synedra tabulata</i> var. <i>thalassiothrix</i> Schwarz ex O.Müller, 1877 <i>Thalassiosira antarctica</i> var. <i>echinata</i> Karsten, 1907 <i>Thalassiothrix longissima</i> var. <i>antarctica</i> Cleve & Grunow, 1881 <i>Thalassiothrix longissima</i> var. <i>antarctica</i> Cleve & Möller, 1878	*					
Thalassionematales	Thalassionemataceae	Thalassiothrix	<i>Thalassiothrix mediterranea</i> Pav.		248060				*		*	
Thalassionematales	Thalassionemataceae	Thalassiothrix P.T. Cleve & Grunow, 1880	<i>Thalassiothrix longissima</i> P.T. Cleve & Grunow, 1880		157083	<i>Synedra thalassiothrix</i> Cleve, 1873	*				*	
Thalassionematales	Thalassionemataceae	Thalassiothrix P.T. Cleve & Grunow, 1880	<i>Thalassiothrix</i> sp.		157081		*					

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Thalassionematales	Thalassionemataceae	Lioloma	<i>Lioloma elongatum</i> (Grunow) Hasle, 1997		573482	<i>Thalassiothrix elongata</i> Grunow, 1880 <i>Thalassiothrix vanhoeffenii</i> Heiden, 1928	*					
Thalassionematales	Thalassionemataceae	Lioloma	<i>Lioloma pacificum</i> (E. Cupp) G.R. Hasle		418646	<i>Asterionella mediterranea pacifica</i> (Cupp) R.Margalef <i>Thalassiothrix mediterranea</i> var. <i>pacifica</i> Cupp, 1943	*					
Thalassiophysales	Amphipleuraceae	Halamphora	<i>Halamphora costata</i> (W.Smith) Levkov, 2009		624078	<i>Amphora costata</i> W.Smith, 1853			*			
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora acuta</i> Gregory, 1857		160674				*			
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora angusta</i> Gregory, 1857		160677				*			
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora arcus</i> Gregory, 1854		160678				*			
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora cingulata</i> Cleve, 1875		179193	<i>Amphora ocellata</i> var. <i>cingulata</i> (Cleve) Cleve, 1895					*	
Thalassiophysales	Amphipleuraceae	Halamphora	<i>Halamphora coffeaeformis</i> (Agardh) Levkov, 2009		624065	<i>Amphora coffeaeformis</i> (C.Agardh) Kützing, 1844 <i>Amphora crameri</i> Foged, 1966 <i>Amphora paulii</i> Patrick, 1970 <i>Amphora salina</i> W.Smith, 1853 <i>Frustulia coffeaeformis</i> C.Agardh, 1827			*		*	
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora commutata</i> Grunow in Van Heurck, 1880		163655				*			
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora crassa</i> Gregory, 1857		149527				*			
Thalassiophysales	Amphipleuraceae	Halamphora	<i>Halamphora exigua</i> (Gregory) Levkov, 2009		624084	<i>Amphora coffeaeformis</i> var. <i>exigua</i> (Gregory) Rabenhorst, 1864 <i>Amphora exigua</i> Gregory, 1857			*		*	
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora eximia</i> J.R.Carter, 1974		179211	<i>Amphora fogediana</i> Krammer, 1985 (synonym)					*	
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora hyalina</i> Kützing, 1844		160700	<i>Amphora hemisphaerica</i> Grunow, 1867	*		*		*	
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora laevis</i> Gregory, 1857		149530	<i>Amphora nobilis</i> Flögel, 1873			*		*	
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora lineolata</i> Ehrenberg, 1838		160704	<i>Amphora tenera</i> W. Smith, 1853			*			
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora marina</i> W. Smith 1857		160708	<i>Amphora membranacea</i> W. Smith, 1853	*				*	
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora ostreararia</i> Brébisson, 1849		149529	<i>Amphora littoralis</i> Donkin, 1858			*			
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora ovalis</i> (Kützing) Kützing, 1844		149524	<i>Amphora amphora</i> (Ehrenberg) Pantocsek, 1902 <i>Amphora ocellata</i> Ehrenberg, 1838 <i>Frustulia ovalis</i> Kützing, 1833 <i>Navicula amphora</i> Ehrenberg, 1832	*		*		*	
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora ovalis</i> var. <i>gracilis</i> (Ehrenberg) van Heurck, 1885		179240	<i>Amphora gracilis</i> Ehrenberg, 1843			*			
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora pediculus</i> (Kützing) Grunow ex A.Schmidt, 1875		163673	<i>Amphora ehrenbergii</i> N.Woodhead & R.D.Tweed, 1960 <i>Amphora globulosa</i> var. <i>perpusilla</i> Grunow, 1880 <i>Amphora ovalis</i> var. <i>pediculus</i> (Kützing) Van Heurck, 1885 <i>Amphora ovalis</i> var. <i>pediculus</i> Kützing, 1844 <i>Amphora ovalis</i> var. <i>pediculus</i> (Kützing) Pero, 1893			*		*	

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						Cymbella caespitosum var. pediculus (Kützing) Brun, 1880 Cymbella pediculus Kützing, 1844 Encyonema pediculus (Kützing) H.Peragallo, 1889						
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora perpusilla</i> (Grunow) Grunow in Van Heurck 1884		163676				*			
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora proteus</i> Gregory, 1857		149202	Amphora affinis var. proteus (Gregory) Tempère & Peragallo, 1908 Amphora hexagonalis O.N.Witt, 1873 Amphora speciosa Castracane, 1886			*		*	
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora proteus</i> var. <i>oculata</i> H.Peragallo, 1898		160721				*			
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora terroris</i> Ehrenb. 1853		179252				*			
Thalassiophysales	Catenulaceae	Amphora	<i>Amphora truncata</i> Greg. 1857		179253				*			
Thalassiophysales	Catenulaceae	Amphora		<i>Amphora granulata</i> v. <i>punctata</i> Pr.-Lavr.					*			
Thalassiophysales	Catenulaceae	Amphora		<i>Amphora hyalina</i> v. <i>delicatula</i> Pr.-Lavr.					*			
Thalassiophysales	Catenulaceae	Amphora		<i>Amphora macilenta</i> v. <i>maeotica</i> Pv.-Lavr.					*			
Thalassiophysales	Catenulaceae	Amphora		<i>Amphora proteoides</i> Hust. f. <i>varians</i> Pr.-Lavr.					*			
Thalassiophysales	Catenulaceae	Amphora		<i>Amphora proteus</i> f. <i>ambigua</i> Pr.-Lavr.					*			
Thalassiophysales	Catenulaceae	Amphora		<i>Amphora proteus</i> v. <i>laevistriata</i> A.Cl.					*			
Thalassiophysales	Catenulaceae	Amphora		<i>Amphora proteus</i> v. <i>oculata</i> f. <i>nana</i> Bodeanu					*			
Thalassiophysales	Catenulaceae	Amphora		<i>Amphora truncata</i> v. <i>brevis</i> Bodeanu					*			
Thalassiophysales	Catenulaceae	Amphora Ehrenberg ex Kützing, 1844	<i>Amphora Ehrenberg ex Kützing</i> , 1844		149200		*		*			
Thalassiophysales	Amphipleuraceae	Halamphora	<i>Halamphora acutiuscula</i> (Kützing) Levkov, 2009		624067	Amphora acutiuscula Kützing, 1844 Amphora coffeaeformis var. acutiuscula (Kützing) Hustedt, 1930 Amphora coffeaeformis var. acutiuscula (Kützing) Rabenhorst, 1864					*	
Thalassiophysales	Amphipleuraceae	Halamphora	<i>Halamphora holsatica</i> (Hustedt) Levkov, 2009		574075	Amphora holsatica Hustedt, 1925					*	
Thalassiophysales	Amphipleuraceae	Halamphora	<i>Halamphora normanii</i> (Rabenhorst) Levkov 2009		574086	Amphora normanii Rabenhorst, 1864 Amphora normanii Rabenhorst emend Carter & Round, 1993					*	
Thalassiosirales	Lauderiaceae	Lauderia	<i>Lauderia annulata</i> Cleve, 1873		149135	<i>Lauderia borealis</i> Gran, 1900					*	
Thalassiosirales	Skeletonemaceae	Detonula	<i>Detonula confervacea</i> (P.T. Cleve) Gran, 1900		149286	<i>Detonula cystifera</i> Gran, 1900 <i>Lauderia confervacea</i> Cleve, 1896	*		*		*	
Thalassiosirales	Skeletonemaceae	Detonula	<i>Detonula pumila</i> (Castracane) Gran, 1900		149647	<i>Lauderia pumila</i> Castracane, 1886 <i>Schroederella delicatula</i> (H. Peragallo) Pavillard, 1913 <i>Schroederella schroederi</i> (Bergon) Pavillard, 1925	*				*	



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Thalassiosirales	Skeletonemaceae	Skeletonema	<i>Skeletonema costatum</i> (Greville) P.T. Cleve, 1878		149074	<i>Melosira costata</i> Greville, 1866	*		*		*	
Thalassiosirales	Skeletonemaceae	Skeletonema	<i>Skeletonema dohrnii</i> Sarno & Kooistra, 2005		489112						*	
Thalassiosirales	Skeletonemaceae	Skeletonema	<i>Skeletonema subsalsum</i> (A.Cleve) Bethge, 1928		149075	<i>Melosira subsalsa</i> Cleve-Euler, 1912			*			
Thalassiosirales	Stephanodiscaceae	Stephanodiscus	<i>Cyclostephanos dubius</i> (Fricke) Round in Theriot et al., 1988		148996	<i>Cyclotella dubia</i> Fricke in A. Schmidt, 1900 <i>Stephanodiscus dubius</i> (Fricke in A. Schmidt) Hustedt, 1928 <i>Stephanodiscus pulcherrimus</i> Cleve-Euler, 1910			*			
Thalassiosirales	Stephanodiscaceae	Stephanodiscus	<i>Stephanodiscus</i> Ehrenberg, 1845		149079				*			
Thalassiosirales	Stephanodiscaceae	Stephanodiscus	<i>Stephanodiscus hantzschii</i> Grunow in P.T. Cleve & Grunow, 1880		149080	<i>Stephanodiscus hantzschianus</i> Grunow, 1882	*		*		*	
Thalassiosirales	Stephanodiscaceae	Stephanodiscus	<i>Stephanodiscus minutulus</i> (Kützing) P.T. Cleve & Möller 1978		163427	<i>Cyclotella minutula</i> Kützing, 1844 <i>Stephanodiscus astraea</i> var. <i>minutula</i> (Kützing) Grunow, 1882 <i>Stephanodiscus minutulus</i> (Kützing) Round, 1981					*	
Thalassiosirales	Stephanodiscaceae	Stephanodiscus		<i>Stephanodiscus dubius</i> v. <i>romanicus</i> Bodeanu					*			
Thalassiosirales	Stephanodiscaceae	Stephanodiscus		<i>Stephanodiscus socialis</i> Makar. et Pr.-Lavr.					*			
Thalassiosirales	Stephanodiscaceae	Stephanodiscus		<i>Stephanodiscus</i> sp. 1					*			
Thalassiosirales	Thalassiosiraceae	Planktoniella	<i>Planktoniella sol</i> (C.G.Wallich) Schütt, 1892		196815	<i>Coscinodiscus sol</i> C.G.Wallich, 1860 <i>Planktoniella wolterecki</i> Schimper, 1905	*				*	
Thalassiosirales	Thalassiosiraceae	Porosira	<i>Porosira glacialis</i> (Grunow) E. Jørgensen, 1905		156689	<i>Lauderia glacialis</i> (Grunow) Gran, 1900 <i>Podosira hormoides</i> var. <i>glacialis</i> Grunow, 1884	*				*	
Thalassiosirales	Stephanodiscaceae	Cyclotella	<i>Cyclotella atomus</i> Hustedt 1937		148907	<i>Cyclotella atomus</i> var. <i>atomus</i> Hustedt					*	
Thalassiosirales	Stephanodiscaceae	Cyclotella	<i>Cyclotella chaetoceras</i> Lemmermann		576235				*			
Thalassiosirales	Stephanodiscaceae	Cyclotella	<i>Cyclotella choctawhatcheeana</i> Prasad, 1990		163196	<i>Cyclotella caspia</i> Grunow, 1878	*		*		*	
Thalassiosirales	Stephanodiscaceae	Cyclotella	<i>Cyclotella kuetzingiana</i> Thwaites, 1848		418570						*	
Thalassiosirales	Stephanodiscaceae	Cyclotella	<i>Cyclotella meneghiniana</i> Kützing, 1844		148909	<i>Cyclotella meneghiniana</i> var. <i>laevis</i> (Van Goor) Hustedt, 1928 <i>Cyclotella meneghiniana</i> f. <i>plana</i> (Fricke) Hustedt, 1928 <i>Cyclotella meneghiniana</i> var. <i>laevis</i> (Van Goor) Hustedt,	*		*		*	
Thalassiosirales	Stephanodiscaceae	Cyclotella	<i>Cyclotella</i> sp.		148905				*			
Thalassiosirales	Stephanodiscaceae	Cyclotella		<i>Cyclotella convexa</i> Bodeanu					*			
Thalassiosirales	Stephanodiscaceae	Cyclotella		<i>Cyclotella undulata</i> Bodeanu					*			
Thalassiosirales	Stephanodiscaceae	Discostella	<i>Discostella stelligera</i> (Cleve & Grunow) Houk & Klee, 2004		621506	<i>Cyclotella meneghiniana</i> var. <i>stelligera</i> Cleve & Grunow, 1881 <i>Cyclotella stelligera</i> Cleve & Grunow, 1882			*			

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Thalassiosirales	Stephanodiscaceae	Discostella		Discostella glomerata (H. Bachmann) Houk & Klee 2004							*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira angulata</i> (Gregory) Hasle, 1978		148913	<i>Coscinodiscus eccentricus</i> var. <i>decepiens</i> Grunow, 1878 <i>Thalassiosira decepiens</i> (Grunow) E. Jørgensen, 1905	*		*		*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira anguste-lineata</i> (A. Schmidt) G. Fryxell & Hasle 1977		148914	<i>Coscinodiscus anguste-lineatus</i> A. Schmidt, 1878 <i>Coscinodiscus polychordus</i> Gran, 1897 <i>Coscinodiscus sublineatus</i> auct. <i>Coscosira polychorda</i> (Gran) Gran, 1900 <i>Thalassiosira polychorda</i> (Gran) E. Jørgensen, 1900	*		*		*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira antarctica</i> Comber, 1896		149099	<i>Thalassiosira fallax</i> Meunier, 1910	*				*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira antiqua</i> (Grunow) Cleve		418578				*		*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira baltica</i> (Grunow in P.T. Cleve & Grunow) Ostenfeld, 1901		156690	<i>Coscinodiscus balticus</i> (Grunow in Cleve & Grunow) P.T. Cleve, 1891 <i>Coscinodiscus polyacanthus</i> auct. <i>Coscinodiscus polyacanthus</i> var. <i>baltica</i> Grunow in Cleve & Grunow, 1880 <i>Coscinodiscus subtilis</i> auct. p.p. <i>Coscinodiscus subtilis</i> var. <i>fluviatilis</i> Lemmermann, 1904 <i>Thalassiosira baltica</i> var. <i>fluviatilis</i> (Lemmermann) Cleve-Euler 1910 <i>Thalassiosira subsalina</i> Proschkina-Lavrenko, 1955	*		*		*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira eccentrica</i> (Ehrenberg) P.T. Cleve, 1903-1904		148922	<i>Coscinodiscus eccentricus</i> Ehrenberg, 1841 <i>Coscinodiscus eccentricus</i> var. <i>fasciculata</i> Hustedt, 1928	*		*		*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira gravida</i> P.T. Cleve, 1896		149102	<i>Thalassiosira tcherniai</i> Manguin, 1957			*		*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira leptopus</i> (Grunow in Van Heurck) Fryxell et Hasle, 1977		149103	<i>Coscinodiscus leptopus</i> Grunow, 1883 <i>Coscinodiscus leptopus</i> var. <i>discrepans</i> Rattray, 1890 <i>Coscinodiscus lineatus</i> Ehrenberg, 1841 <i>Coscinodiscus praelineatus</i> Jousé, 1968 <i>Coscinodiscus pseudolineatus</i> Pantocsek, 1886					*	

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Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira levanteri</i> van Goor, 1924		149308						*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira nordenskiöldii</i> P.T. Cleve, 1873		148931	<i>Coscinodiscus nordenskiöldii</i> (P.T. Cleve) Cleve-Euler, 1951	*		*		*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira parva</i> Pr.-Lavr.1955		418582		*		*		*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira pseudonana</i> Hasle & Heimdal, 1970		148934	<i>Cyclotella nana</i> Hustedt, 1957	*					
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira rotula</i> Meunier, 1910		148942	<i>Coscinodiscus rotulus</i> (Meunier) Cleve-Euler 1951	*		*		*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira	<i>Thalassiosira subtilis</i> (Ostenfeld) Gran, 1900		149101	<i>Podosira subtilis</i> Ostenfeld, 1899	*				*	
Thalassiosirales	Thalassiosiraceae	Shionodiscus	<i>Shionodiscus oestrupii</i> (Ostenfeld) A.J.Alverson, S.H.Kang & E.C.Theriot, 2006		573446	<i>Coscosira oestrupii</i> Ostenfeld, 1900 <i>Thalassiosira oestrupii</i> (Ostenfeld) Hasle, 1972 <i>Thalassiosira antiquar. septata</i> Proschkina-Lavrenko 1955					*	
Thalassiosirales	Thalassiosiraceae	Thalassiosira P.T. Cleve, 1873 emend. Hasle, 1973	<i>Thalassiosira</i> sp.		148912		*					
Toxariales	Toxariaceae	Toxarium	<i>Toxarium undulatum</i> J.W. Bailey, 1854		248075	<i>Synedra undulata</i> (J.W.Bailey) Gregory, 1857					*	
Triceratiales	Plagiogrammaceae	Glyphodesmis	<i>Glyphodesmis distans</i> (Gregory) Grunow ex Van Heurck, 1881		149355	<i>Denticula distans</i> Gregory, 1857			*			
Triceratiales	Triceratiaceae	Cerataulus	<i>Cerataulus turgidus</i> (C.G. Ehrenberg) C.G. Ehrenberg, 1843	unaccepted (accepted name in quarantine)	162980	<i>Biddulphia turgida</i> (Ehrenberg) W. Smith, 1856 <i>Denticella turgida</i> Ehrenberg, 1840			*			
Triceratiales	Triceratiaceae	Odontella	<i>Odontella mobiliensis</i> (J.W. Bailey) Grunow, 1884		164116	<i>Bidulphia mobiliensis</i> (J.W. Bailey) Grunow, 1882 <i>Denticella mobiliensis</i> (J.W. Bailey) Grunow, 1884 <i>Odontella mobilensis</i> (J. W. Bailey) Grunow, 1884 (Lapsus calami) <i>Zygoceros mobiliensis</i> J.W. Bailey, 1851			*		*	
Triceratiales	Triceratiaceae	Odontella	<i>Odontella aurita</i> var. <i>obtusa</i> (Kützing) Denys 1982		702200	<i>Biddulphia aurita</i> var. <i>obtusa</i> (Kützing) Hustedt, 1930 <i>Biddulphia obtusa</i> (Kützing) Ralfs, 1861 <i>Odontella obtusa</i> Kützing, 1844					*	
Triceratiales	Plagiogrammaceae	Dimeregramma	<i>Dimeregramma minor</i> (Gregory) Ralfs ex Pritchard, 1861		163234	<i>Denticula minor</i> Gregory, 1857			*			
Triceratiales	Plagiogrammaceae	Dimeregramma	<i>Dimerogramma fulvum</i> (Greg.) Ralf.		179830	<i>Denticula fulva</i> Gregory, 1857			*			
Bacillariales	Bacillariaceae	Tryblionella	<i>Tryblionella compressa</i> (J.W.Bailey) M.Poulin, 1990		447746	<i>Dinopyxis compressa</i> (Bailey) F.Stein, 1883 <i>Homoeocladia punctata</i> (W.Smith) Kuntze, 1898 <i>Nitzschia compressa</i> (Bailey) C.S.Boyer, 1916 <i>Nitzschia punctata</i> (W.Smith) Grunow, 1878 <i>Prorocentrum compressum</i> (J.W.Bailey) Abé ex Dodge, 1975 <i>Pyxidicula compressa</i> Bailey, 1851	*		*		*	

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						<i>Tryblionella punctata</i> W.Smith, 1853 <i>Zothecca punctata</i> (W.Smith) Pantocsek, 1902						
Dinophyceae												
Actinisciales	Actiniscaceae	Achradina	<i>Achradina pulchra</i> Lohmann, 1902		109716		*					
Actinisciales	Actiniscaceae	Achradina	<i>Achradina sulcata</i> Lohmann		576930						*	
Ciliophora (Phylum)				Vorticella cincta O.F. Muller								
Coccidinales	Chytriodiniaceae	Paulsenella	<i>Paulsenella chaetoceratis</i> (Paulsen) Chatton		109575							
Dinoflagellata incertae sedis	Phytodiniaceae	Cystodinium	<i>Cystodinium cornifax</i> (Schilling) Klebs, 1912		576236							
Dinoflagellata incertae sedis	Phytodiniaceae	Cystodinium		<i>Cystodinium bataviense</i> G.A.Klebs								
Dinoflagellata incertae sedis	Phytodiniaceae	Hypnodinium	<i>Hypnodinium sphaericum</i> Klebs, 1912		621577				*			
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis acuminata</i> Claparède & Lachmann, 1859		109603	<i>Dinophysis baltica</i> (Paulsen) Kofoid & Skogsberg, 1928 <i>Dinophysis ovum</i> var. <i>baltica</i> Paulsen, 1908 <i>Dinophysis paulsenii</i> Woloszynska, 1928	*		*		*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis acuta</i> Ehrenberg, 1841		109604	<i>Dinophysis dens</i> Pavillard, 1915 <i>Dinophysis groenlandica</i> (Schiller, 1933) Balech, 1967	*		*		*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis amandula</i> (Balech) Sournia, 1973		109607	<i>Dinophysis amygdala</i> Balech, 1967						
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis apicata</i> (Kofoid & Skogsberg) Abé		109608							
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis arctica</i>		232161	<i>Dinophysis rotundata</i> Levander, 1894						
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis cassubica</i> J.Wolozynska		232151		*					
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis caudata</i> Saville-Kent, 1881		109612	<i>Dinophysis diegensis</i> Kofoid, 1907 <i>Dinophysis homunculus</i> Stein, 1883	*		*		*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis cuneiformis</i> A.F.Meunier		232204							
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis dentata</i> Schiller, 1928		109617						*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis fortii</i> Pavillard, 1923		109624	<i>Dinophysis intermedia</i> Pavillard, 1916 <i>Dinophysis ovum</i> Schütt, 1895 sensu Martin, 1929 <i>Dinophysis laevis</i> (Bergh, 1881) Pouchet, 1883 <i>Dinophysis lapidistrigiliformis</i> Abé, 1967	*		*		*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis hastata</i> Stein		109627	<i>Dinophysis uracantha</i> (Stein) E.S. Silva, 1956); <i>Phalacroma hastatum</i> Pavillard, 1909			*		*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis infundibula</i> J.Schiller, 1928		614602	<i>Dinophysis infundibulus</i> Schiller, 1928					*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis irregularis</i> (Lebour) Balech, 1967		109631	<i>Phalacroma irregulare</i> Lebour, 1925						
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis islandica</i> Paulsen, 1949		232193							
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis levanderi</i> J.Wolozynska		232152							
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis meunieri</i> Schiller, 1928		232203							
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis minuta</i> (Cleve) Balech		232202						*	

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Dinophysiales	Dinophysiaceae	Dinophysis	Dinophysis mucronata (Kofoid & Skogsberg) Sournia, 1973		109636	Dinophysis paulsenii (Schiller) Balech, 1967 Phalacroma mucronatum Kofoid & Skogsberg, 1928 Phalacroma paulsenii Schiller, 1928						
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis norvegica</i> Claparède & Lachmann, 1859		109637	<i>Dinophysis debiliior</i> (Paulsen) Paulsen, 1949	*					
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis odiosa</i> (Pavillard) Tai & Skogsberg, 1934		109638	<i>Phalacroma odiosum</i> Pavillard, 1930						
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis ovata</i> Claparède & Lachmann, 1859		109641						*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis parva</i> Schiller, 1928		109643						*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis parvula</i> (Schütt) Balech, 1967		109644	<i>Phalacroma parvulum</i> (Schütt) Jörgensen, 1923 <i>Phalacroma porodictyum</i> var. <i>parvula</i> Schütt, 1895					*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis pulchella</i> (Lebour) Balech		109649	Phalacroma pulchellum Lebour, 1922 Prodinophysis pulchella (Lebour) Balech, 1944	*		*		*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis punctata</i> Jörgensen, 1923		109651						*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis pusilla</i> Jörgensen, 1923		109652		*					
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis recurva</i> Kofoid & Skogsberg, 1928		109654	Dinophysis lenticula Pavillard, 1916						
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis rotundiformis</i> L.-S.Tai & T.Skogsberg		232517							
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis rudgei</i> Murray & Whitting, 1899		232257						*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis sacculus</i> Stein, 1883		232261	<i>Dinophysis acuminata</i> f. <i>reniformis</i> Pavillard, 1905 <i>Dinophysis pavillardii</i> Schröder, 1906 <i>Dinophysis pavillardii</i> Schröder, 1906 <i>Dinophysis phaseolus</i> E.S. Silva, 1952 <i>Dinophysis reniformis</i> (Pavillard) Kofoid et Skogsberg, 1928	*		*		*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis schilleri</i> Sournia, 1973		232269							
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis schuettii</i> Murray & Whitting, 1899		109657							
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis similis</i> Kofoid & Skogsberg, 1928		109658						*	
Dinophysiales	Dinophysiaceae	Dinophysis	<b><i>Dinophysis sphaerica</i> Stein, 1883</b>		109660	Dinophysis vanhoffenii Ostenfeld, 1899 (synonym)					*	
Dinophysiales	Dinophysiaceae	Dinophysis	<i>Dinophysis tripos</i> Gourret, 1883		109662	<i>Dinophysis caudata</i> var. <i>tripos</i> (Gourret) Gail, 1950					*	
Dinophysiales	Dinophysiaceae	Dinophysis		<i>Dinophysis caudata</i> f. <i>acutiformis</i> C.A.Kofoid & T.Skogsberg								
Dinophysiales	Dinophysiaceae	Dinophysis		<i>Dinophysis sphaerica</i> var. <i>spinosa</i> Gail. - <i>Dinophysis sphaerica</i> F.Stein								

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Dinophysiales	Amphisoleniaceae	Amphisolenia	<i>Amphisolenia bidentata</i> Schröder, 1900		109589						*	
Dinophysiales	Amphisoleniaceae	Amphisolenia	<i>Amphisolenia globifera</i> Stein 1883		109592	<i>Amphisolenia globosa</i> Gran, 1912 <i>Amphisolenia tenella</i> Gran, 1912					*	
Dinophysiales	Dinophysiaceae	Phalacroma	<i>Phalacroma acutum</i> (F.Schütt) Pavillard, 1916		232442	<i>Dinophysis acutooides</i> Balech, 1967					*	
Dinophysiales	Dinophysiaceae	Phalacroma	<i>Phalacroma cuneus</i> F.Schütt, 1895		232460	<i>Dinophysis cunea</i> (F.Schütt) T.H.Abé, 1967						
Dinophysiales	Dinophysiaceae	Phalacroma	<i>Phalacroma favus</i> Kofoid & Michener, 1911		232469	<i>Dinophysis fava</i> (Kofoid & Michener) Abé						
Dinophysiales	Dinophysiaceae	Phalacroma	<i>Phalacroma oxytoxoides</i> (Kofoid) F.Gomez, P.Lopez-Garcia & D.Moreira, 2011		624358	<i>Oxyphysis oxytoxoides</i> Kofoid, 1926	*				*	
Dinophysiales	Dinophysiaceae	Phalacroma	<i>Phalacroma rotundatum</i> (Claparède & Lachmann) Kofoid & Michener, 1911		156505	<i>Dinophysis rotundata</i> Claparède & Lachmann, 1859 <i>Dinophysis whittingae</i> Balech, 1971 <i>Dinophysis whittingiae</i> Balech, 1971	*		*		*	
Dinophysiales	Dinophysiaceae	Phalacroma	<i>Phalacroma rudgei</i> Murr. Et Witt.		232515				*			
Dinophysiales	Dinophysiaceae	Phalacroma	<i>Phalacroma sphaeroideum</i> Schiller		418171							
Dinophysiales	Dinophysiaceae	Phalacroma	<i>Phalacroma</i> Stein, 1883		109466	<i>Oxyphysis</i> Kofoid, 1926			*			
Gonyaulacales	Amphidomataceae	Amphidoma	<i>Amphidoma nucula</i> Stein, 1883		233201	<i>Amphidoma spinosa</i> (Kofoid) Kofoid & Michener <i>Gonyaulax rouchii</i> Rampi <i>Murrayella spinosa</i> Kofoid	*					
Gonyaulacales	Amphidomataceae	Amphidoma	<i>Amphidoma languida</i> Tillmann et al., 2012		729889							
Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium cornutum</i> (Ehrenberg) Claparède & J.Lachmann, 1859		592868						*	
Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium declinatum f. majus</i> Jorgensen, 1920		705258						*	
Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium declinatum f. normale</i> Jorgensen, 1920		422699						*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium divaricatum</i> (Lemmermann) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495652	<i>Ceratium divaricatum</i> (Lemmermann) Kofoid, 1908 <i>Ceratium tripos</i> var. <i>divaricatum</i> Lemmermann, 1899	*					
Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium extensum</i> (Gourr.) Schrod.		109947	<i>Ceratium biceps</i> Claparède et Lachmann, 1859 ; <i>Ceratium strictum</i> Kofoid, 1907			*			
Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium hirundinella</i> (O.F.Müller) Dujardin, 1841		156511	<i>Bursaria hirundella</i> O.F.Müller, 1773 <i>Ceratium brevicorne</i> Zacharias, 1905 <i>Ceratium cumaonense</i> Carter, 1871 <i>Ceratium handelii</i> Skuja, 1937 <i>Ceratium leptoceras</i> Zacharias, 1904 <i>Ceratium longicorne</i> Perty, 1849 <i>Ceratium macroceras</i> Schrank, 1802 <i>Ceratium pumilum</i> Zacharias, 1905 <i>Ceratium tetraceros</i> Schrank, 1793				*		

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Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium hirundinella f. robustum</i> Amberg, 1903		688347							
Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium horridum var. buceros</i> (Zacharias) Sournia, 1966		422708	<i>Ceratium buceros</i> Zacharias, 1906					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium lineatum</i> (Ehrenberg) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495674	<i>Biceratium lineatum</i> (Ehrenberg) S.T.Moses, 1929 <i>Ceratium lineatum</i> (Ehrenberg) Cleve, 1899 <i>Peridinium lineatum</i> Ehrenberg, 1854	*					
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium longipes</i> (Bailey) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495675	<i>Ceratium arcticum var. longipes</i> (Bailey) Graham & Bronnikovsky <i>Ceratium longipes</i> (Bailey) Cleve, 1900 <i>Peridinium longipes</i> Bailey, 1854	*					
Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium pacificum</i> Schroder, 1906		233221							
Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium platycorne</i> Daday 1888		196824						*	
Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium tripos f. ponticum</i> (Jorgensen) Schiller, 1937		694326							
Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium tripos var. atlanticum</i> (Ostenfeld) Paulsen, 1908		345375	<i>Ceratium tripos f. atlantica</i> Ostenfeld, 1903					*	
Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium tripos var. ponticum</i> Jorgensen, 1920		422722							
Gonyaulacales	Ceratiaceae	Ceratium	<i>Neoceratium fusus</i> (Ehrenberg) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495660	<i>Ceratium fusus</i> (Ehrenberg, 1834) Dujardin, 1841 <i>Ceratium seta</i> (Ehrenberg, 1859) Jørgensen, 1911	*		*		*	
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium austriacum</i> Zederb.								
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium carinthiacum</i> Zederb.								
Gonyaulacales	Ceratiaceae	Ceratium	<i>Ceratium carriense var. volans</i> (Cleve) Joerg.		422693						*	
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium furca var. bergii</i>			*					
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium furca var. eugramma</i>			*				*	
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium fusus var. setta</i> (Ehrenberg) Jørgensen			*				*	
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium hirundinella f. austriacum</i> (Zederb.) H.Bachm.								
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium hirundinella f. brachyceroides</i> Schrod.								
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium hirundinella f. carinthiacum</i> (Zederb.) H.Bachm.								
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium hirundinella f. furcoides</i> (Levander) Schröder							*	
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium hirundinella f. gracile</i> H.Bachm.								
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium hirundinella f. piburgense</i> (Zederb.) H.Bachm.								

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Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium hirundinella f. silesiacum</i> Schröd.								
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium hirundinella f. austriacum</i> (Zederb.) H.Bachm.								
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium hirundinella f. carinthiacum</i> (Zederb.) H.Bachm.								
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium massiliense f. armatum</i> (G.Karsten) Jörgensen								
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium massiliense f. protuberans</i> (G.Karsten) Jörgensen								
Gonyaulacales	Ceratiaceae	Ceratium		<i>Ceratium tripos f. subsalsum</i> Ostenfeld								
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium arietinum</i> (Cleve) F.Gómez, D.Moreira & P.López-García, 2010		495630	<i>Ceratium arietinum</i> Cleve, 1900 <i>Ceratium bucephalum</i> (Cleve) Cleve, 1900 <i>Ceratium tripos</i> var. <i>bucephalum</i> Cleve, 1897					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium belone</i> (Cleve) F.Gómez, D.Moreira & P.López-García, 2010		495635	<i>Ceratium belone</i> Cleve, 1900					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium candelabrum</i> (Ehrenberg) F.Gómez, D.Moreira & P.López-García, 2010		495640	<i>Ceratium candelabrum</i> (Ehrenberg) Stein, 1883 <i>Ceratium globatum</i> Gourret, 1883 <i>Peridinium candelabrum</i> Ehrenberg, 1860					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium carnegiei</i> (Graham & Bronikowsky) F.Gómez, D.Moreira & P.López-García, 2010		495641	<i>Ceratium carnegiei</i> Graham & Bronikowsky, 1944 <i>Ceratium carriense</i> Gourret, 1883 <i>Ceratium tripos</i> var. <i>carriense</i> (Gourret) Lemmermann, 1899 <i>Neoceratium carriense</i> (Gourret) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010						
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium compressum</i> (Gran) F.Gomez, D.Moreira & P.Lopez-García, 2010		495644	<i>Ceratium compressum</i> Gran, 1912					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium contrarium</i> (Gourret) F.Gomez, D.Moreira & P.Lopez-García, 2010		495647	<i>Ceratium contrarium</i> (Gourret) Pavillard, 1905 <i>Ceratium trichoceros</i> var. <i>contrarium</i> (Gourret) Schiller, 1937 <i>Ceratium tripos</i> var. <i>contrarium</i> Gourret, 1883					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium declinatum</i> (Karsten) F.Gomez, D.Moreira & P.Lopez-García, 2010		495648	<i>Ceratium declinatum</i> (Karsten) Jørgensen, 1911 <i>Ceratium declinatum</i> Karsten, 1907					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium dens</i> (Ostenfeld & Schmidt) F.Gomez, D.Moreira & P.Lopez-García, 2010		495650	<i>Ceratium dens</i> Ostenfeld & Schmidt, 1901						



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Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium extensum</i> (Gourret) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495655	<i>Ceratium extensum</i> (Gourret) Cleve, 1900 <i>Ceratium fusus</i> var. <i>extensum</i> Gourret, 1883 <i>Ceratium strictum</i> (Kofoid) E.G.Jørgensen, 1906 (synonym)					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium falcatum</i> (Kofoid) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495657	<i>Ceratium falcatum</i> (Kofoid) E.G.Jørgensen, 1920 <i>Ceratium inflatum falcatum</i> (Kofoid) Peters, 1934 <i>Ceratium pennatum</i> f. <i>falcatum</i> Kofoid, 1907					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium furca</i> (Ehrenberg) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495659	<i>Ceratium furca</i> (Ehrenberg) Claparède & Lachmann, 1859 <i>Ceratium furca</i> var. <i>eugrammum</i> (Ehrenberg) Jørgensen <i>Ceratophorus furca</i> (Ehrenberg) Diesing, 1850 <i>Peridinium eugrammum</i> Ehrenberg, 1860	*		*		*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium hexacanthum</i> (Gourret) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495664	<i>Ceratium hexacanthum</i> Gourret, 1883 <i>Ceratium reticulatum</i> (Pouchet) Cleve, 1900 <i>Ceratium tripos</i> var. <i>reticulatum</i> Pouchet, 1883					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium hircus</i> (Schröder) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495665	<i>Ceratium furca</i> var. <i>hircus</i> (Schröder) Margalef ex Sournia, 1973 <i>Ceratium hircus</i> Schröder, 1909						
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium horridum</i> (Gran) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495666	<i>Ceratium horridum</i> (Cleve) Gran, 1902 <i>Ceratium intermedium</i> (Jørgensen) Jørgensen, 1905 <i>Ceratium tripos</i> var. <i>horridum</i> Cleve, 1897 <i>Ceratium inclinatum</i> Kofoid, 1907 <i>Ceratium tenuissimum</i> Kofoid, 1907 <i>Ceratium leptosomum</i> Jørgensen, 1911 <i>Ceratium mollis</i> Kofoid, 1907					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium incisum</i> (Karsten) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495668	<i>Ceratium furca</i> var. <i>incisum</i> Karsten, 1906 <i>Ceratium incisum</i> (Karsten) E.G.Jørgensen, 1911					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium inflatum</i> (Kofoid) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495669	<i>Ceratium inflatum</i> (Kofoid) E.G.Jørgensen, 1911 <i>Ceratium nipponicum</i> Okamura <i>Ceratium pennatum</i> var. <i>inflatum</i> Kofoid, 1907 (synonym)					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium kofoidii</i> (Jørgensen) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495671	<i>Ceratium boehmii</i> Graham & Bronnikovsky, 1944 <i>Ceratium kofoidii</i> E.G.Jørgensen, 1911					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium lineatum</i> (Ehrenberg) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495674	<i>Biceratium lineatum</i> (Ehrenberg) S.T.Moses, 1929					*	

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						<i>Ceratium lineatum</i> (Ehrenberg) Cleve, 1899 <i>Peridinium lineatum</i> Ehrenberg, 1854						
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium longipes</i> (Bailey) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495675	<i>Ceratium longipes</i> (Bailey) Cleve, 1900 <i>Peridinium longipes</i> Bailey, 1854 (synonym)					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium longirostrum</i> (Gourret) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495676	<i>Ceratium longirostrum</i> Gourret, 1883 <i>Ceratium scapiforme</i> Kofoid, 1907					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium macroceros</i> (Ehrenberg) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495678	<i>Ceratium macroceros</i> (Ehrenberg) Vanhöffen, 1897 <i>Ceratium macroceros</i> (Ehrenberg) Cleve, 1899 <i>Ceratium tripos</i> var. <i>macroceros</i> (Ehrenberg) Claparède & Lachmann, 1859 <i>Ceratophorus macroceros</i> (Ehrenberg) Diesing, 1850 <i>Peridinium macroceros</i> Ehrenberg, 1840 <i>Peridinium tripos</i> var. <i>macroceros</i> (Ehrenberg) Diesing, 1866					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium massiliense</i> (Gourret) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495679	<i>Ceratium massiliense</i> (Gourret) E.G.Jørgensen, 1911						
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium minutum</i> (Jørgensen) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495680	<i>Ceratium eugrammum</i> Kofoid <i>Ceratium minutum</i> E.G.Jørgensen, 1920						
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium pentagonum</i> (Gourret) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495685	<i>Ceratium pentagonum</i> Gourret, 1883 <i>Ceratium subrobustum</i> (Jørgensen) Steemann Nielsen, 1934					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium pulchellum</i> (Schröder) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495690	<i>Ceratium pulchellum</i> Schröder, 1906 <i>Ceratium tripos</i> var. <i>pulchellum</i> (Schröder) López, 1955 <i>Ceratium tripos</i> var. <i>pulchellum</i> (Schroder) Peters, 1934 <i>Ceratium tripos</i> var. <i>pulchellum</i> (Schroder) Lopez ex Sournia, 1973	*				*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium tenue</i> (Ostenfeld & Schmidt) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495699	<i>Ceratium tenue</i> Ostenfeld & Schmidt, 1901						
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium teres</i> (Kofoid) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495700	<i>Ceratium teres</i> Kofoid, 1907					*	
Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium trichoceros</i> (Ehrenberg) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495701	<i>Ceratium flagelliferum</i> Cleve, 1900 <i>Ceratium ramakrishnii</i> Subrahmanyam, 1968 <i>Ceratium trichoceros</i> (Ehrenberg) Kofoid, 1908 <i>Ceratium trichoceros</i> (Ehrenberg) W.S.Kent, 1881 <i>Peridinium trichoceros</i> Ehrenberg, 1860						

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Gonyaulacales	Ceratiaceae	Neoceratium	<i>Neoceratium tripos</i> (O.F.Müller) F.Gomez, D.Moreira & P.Lopez-Garcia, 2010		495702	<i>Ceratium neglectum</i> Ostenfeld, 1903 <i>Ceratium robustum</i> Ostenfeld & Schmidt, 1901 <i>Ceratium schroederi</i> Nie <i>Ceratium tripodoides</i> (Jorgensen) Steemann Nielsen, 1934 <i>Ceratium tripos</i> (O.F.Müller) Nitzsch, 1817 <i>Ceratophorus tripos</i> (O.F.Müller) Diesing, 1850 <i>Cercaria tripos</i> O.F.Müller, 1776 <i>Euceratium tripos</i> S.T.Moses, 1929 <i>Euceratium vultur</i> S.T.Moses, 1929 <i>Peridinium tripos</i> (O.F.Müller) Ehrenberg, 1834 <i>Tripos muelleri</i> Bory de Saint-Vincent, 1823 <i>Tripos mulleri</i> Bory de Saint-Vincent	*		*		*	
Gonyaulacales	Ceratiaceae	Neoceratium		<i>Neoceratium massiliense</i> var. <i>armatum</i> (Karst.) Krachmalny, 2011							*	
Gonyaulacales	Ceratiaceae	Neoceratium		<i>Neoceratium tripos</i> f. <i>subsalsum</i> (Ostenfeld) Krachmalny[3]								
Gonyaulacales	Cladopyxidaceae	Cladopyxis	<i>Cladopyxis brachiolata</i> Stein, 1883		109989	<i>Cladopyxis steinii</i> Zacharias, 1906						
Gonyaulacales	Cladopyxidaceae	Cladopyxis	<i>Cladopyxis caryophyllum</i> (Kofoid) Pavillard, 1931		109990							
Gonyaulacales	Cladopyxidaceae	Micracanthodinium	<i>Micracanthodinium bacilliferum</i> (Schiller) Deflandre, 1937		233349	<i>Cladopyxis bacillifera</i> Schiller						
Gonyaulacales	Cladopyxidaceae	Micracanthodinium	<i>Micracanthodinium setiferum</i> (Lohmann 1902) Deflandre, 1937		109993	<i>Cladopyxis setifera</i> Lohmann	*		*			
Gonyaulacales	Cladopyxidaceae	Palaeophalacroma	<i>Palaeophalacroma uncinatum</i> Schiller, 1928		233359	<i>Heterodinium detonii</i> Rampi, 1943 <i>Palaephalacroma uncinatum</i> Schiller, 1928 (spelling variation)						
Gonyaulacales	Cladopyxidaceae	Peridiniella	<i>Peridiniella catenata</i> (Levander) Balech, 1977		110156	<i>Amylax catenata</i> (Levander) Meunier, 1910 <i>Gonyaulax catenata</i> (Levander) Kofoid, 1911 <i>Peridinium catenata</i> Levander			*			
Gonyaulacales	Cladopyxidaceae	Peridiniella	<i>Peridiniella sphaeroidea</i> Kofoid & Michener, 1911		233371							
Gonyaulacales	Goniodomataceae	Goniodoma	<i>Goniodoma orientale</i> (Lindemann) Balech, 1979		233544							
Gonyaulacales	Goniodomataceae	Goniodoma	<i>Goniodoma polyedricum</i> (Pouchet, 1883) Jørgensen, 1899		233386	<i>Peridinium polyedricum</i> Pouchet <i>Triadinium polyedricum</i> (Pouchet) Dodge, 1981	*		*		*	
Gonyaulacales	Goniodomataceae	Goniodoma	<i>Goniodoma sphaericum</i> Murray & Whitting, 1899		110280	<i>Heteraulacus sphaericum</i> (Murray & Whitting) Loeblich III, 1970 <i>Triadinium sphaericum</i> (Murray & Whitting) Dodge, 1981						
Gonyaulacales	Goniodomataceae	Triadinium	<i>Triadinium orientale</i> (Lindemann) Dodge, 1981		233562							

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Gonyaulacales	Gonyaulacaceae	Alexandrium	<i>Alexandrium affine</i> (Inoue et Fukuyo, 1985) Balech, 1985		109707	<i>Alexandrium fukuyoi</i> Balech, 1985 <i>Protogonyaulax affinis</i> H.Inoue & Y.Fukuyo, 1985	*				*	
Gonyaulacales	Gonyaulacaceae	Alexandrium	<i>Alexandrium catenella</i> (Whedon et Kofoid, 1936) Balech, 1985		231873	<i>Gessnerium catenellum</i> (Loeblich III & Loeblich) Taylor, 1979 <i>Gonyaulax catenella</i> Whedon & Kofoid, 1936 <i>Gonyaulax washingtonensis</i> Hsu, 1967 <i>Protogonyaulax catenella</i> (Whedon & Kofoid) Taylor, 1979	*					
Gonyaulacales	Gonyaulacaceae	Alexandrium	<i>Alexandrium minutum</i> Halim, 1960		109711	<i>Alexandrium angustitabulatum</i> F.J.R.Taylor in Balech, 1995 <i>Alexandrium ibericum</i> Balech, 1985 <i>Alexandrium lusitanicum</i> Balech, 1985 <i>Pyrodinium minutum</i> (Halim) Taylor, 1976	*				*	
Gonyaulacales	Gonyaulacaceae	Alexandrium	<i>Alexandrium monilatum</i> (Howell, 1953) Balech, 1985		231875	<i>Gessnerium mochimaensis</i> Halim, 1967 ex Halim, 1969 <i>Gonyaulax monilata</i> Howell, 1953 <i>Pyrodinium monilatum</i> (Howell) Taylor, 1976	*					
Gonyaulacales	Gonyaulacaceae	Alexandrium	<i>Alexandrium ostenfeldii</i> (Paulsen, 1904) Balech & Tangen, 1985		109712	<i>Gessnerium ostenfeldii</i> (Paulsen) Loeblich III et L.A. Loeblich <i>Goniaulax ostenfeldii</i> (Paulsen) Paulsen, 1949 <i>Goniodoma ostenfeldii</i> Paulsen, 1904 <i>Gonyaulax globosa</i> (Braarud, 1945) Balech, 1971 <i>Gonyaulax phoenus</i> (Woloszynska et Conrad) F.J.R. Taylor, 1975 <i>Gonyaulax tamarensis</i> var. <i>globosa</i> Braarud <i>Heteraulacus ostenfeldii</i> (Paulsen) Loeblich III, 1970 <i>Protogonyaulax globosa</i> (Braarud) F.J.R. Taylor, 1976 <i>Protogonyaulax ostenfeldii</i> (Paulsen) Fraga et Sánchez, 1985 <i>Pyrodinium phoneus</i> Woloszynskia & Conrad, 1939 <i>Triadinium ostenfeldii</i> (Paulsen) Dodge in Parke et Dodge, 1976	*					
Gonyaulacales	Gonyaulacaceae	Alexandrium	<i>Alexandrium pseudogonyaulax</i> (Biecheler) Horiguchi ex Kita & Fukuyo, 1992		109713	<i>Alexandrium pseudogoniaulax</i> (Biecheler, 1952) Horiguchi, 1983 ex Kita & Fukuyo, 1992 <i>Goniodoma pseudogonyaulax</i> Biecheler, 1952 <i>Triadinium pseudogoniaulax</i> (Biecheler) Dodge, 1981						
Gonyaulacales	Gonyaulacaceae	Alexandrium	<i>Alexandrium</i> sp.		109470		*					

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Gonyaulacales	Gonyaulacaceae	Alexandrium	<i>Alexandrium tamarense</i> (Lebour, 1925) Balech, 1985		109714	<i>Alexandrium excavatum</i> (Braarud, 1945) Balech et Tangen, 1985 <i>Gessnerium tamarense</i> (Lebour) Loeblich III et Loeblich, 1979 <i>Gonyaulax tamarensis</i> Lebour, 1925	*		*		*	
Gonyaulacales	Gonyaulacaceae	Amylax	<i>Amylax triacantha</i> (Jørgensen, 1899) Sournia, 1984		110007	<i>Amylax lata</i> Meunier, 1910 <i>Gonyaulax hyperborea</i> (Cleve, 1900) Paulsen, 1903 <i>Gonyaulax triacantha</i> Jørgensen, 1899 <i>Gonyaulax triacantha</i> var. <i>subinermis</i> Conrad, 1939 (following synonymy on species level)	*				*	
Gonyaulacales	Gonyaulacaceae	Amylax		<i>Amylax perpusila</i> Meunier			*					
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax africana</i> Schiller, 1929		110008						*	
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax apiculata</i> (Pénard) Entz, 1904		110010	<i>Gonyaulax apiculata</i> var. <i>clevei</i> Ostensfeld, 1901 <i>Gonyaulax austriaca</i> Schiller, 1926 <i>Gonyaulax clevei</i> Ostensfeld, 1901 <i>Gonyaulax limnetica</i> Lindemann, 1918 <i>Gonyaulax polonica</i> Woloszynska, 1916 <i>Kolkwitzella gibbera</i> (Lindemann) Lindemann, 1928 <i>Kolkwitzella salebrosa</i> Lindemann, 1918 <i>Kolkwitzella salebrosa</i> var. <i>gibbera</i> Lindemann, 1924						
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax birostris</i> Stein, 1883		110011	<i>Gonyaulax glyptorhynchus</i> Murray & Whitting, 1899 <i>Gonyaulax highlei</i> Murray & Whitting, 1899					*	
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax cochlea</i> Meunier, 1919		233510		*		*			
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax diegensis</i> Kofoid, 1911		110014		*		*		*	
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax digitale</i> (Pouchet) Kofoid, 1911		110015	<i>Gonyaulax digitale</i> Lemmermann, 1899 <i>Protoperidinium digitale</i> Pouchet	*		*		*	
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax elegans</i> Rampi, 1951		110017						*	
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax fragilis</i>		110019							
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax gracilis</i>		110022							
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax lebouriae</i> Balech, 1979		619325	<i>Gonyaulax orientalis</i> Lindemann, 1924 sec Lebour, 1925						
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax minuta</i> Kofoid et Michener, 1911		233557	<i>Gonyaulax minima</i> Matzenauer, 1933	*		*		*	
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax monacantha</i> Pavillard, 1916		110030		*				*	
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax monospina</i> Rampi, 1951		110031							
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax orientalis</i> Lindemann, 1924		233561		*		*			
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax polygramma</i> Stein, 1883		110035	<i>Gonyaulax schuettii</i> Lemmermann, 1899	*		*		*	
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax scrippsae</i> Kofoid, 1911		110039		*				*	
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax spinifera</i> (Claparède & Lachmann, 1859) Diesing, 1866		110041	<i>Gonyaulax levanderi</i> (Lemmermann) Paulsen, 1907	*		*		*	

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						<i>Peridinium spiniferum</i> Claparède & Lachmann, 1859						
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax turbynei</i> Murray & Whitting, 1899		110043						*	
Gonyaulacales	Gonyaulacaceae	Gonyaulax	<i>Gonyaulax verior</i> Sournia, 1973		110045	<i>Amylax diacantha</i> Meunier, 1919 <i>Gonyaulax longispina</i> Lebour, 1925 <i>Gonyaulax diacantha</i> Schiller, 1937	*				*	
Gonyaulacales	Gonyaulacaceae	Lingulodinium	<i>Lingulodinium polyedrum</i> (F. Stein) J.D. Dodge, 1989		233592	<i>Gonyaulax polyedra</i> F. Stein, 1883	*				*	
Gonyaulacales	Gymnodiniida	Warnowia	<i>Warnowia fusus</i> (Schütt) Lindemann 1928		109909						*	
Gonyaulacales	Gymnodiniida	Warnowia	<i>Warnowia maculata</i> (Kofoid et Swezy, 1921) Lindemann, 1928		233137		*					
Gonyaulacales	Gymnodiniida	Warnowia	<i>Warnowia schuettii</i> (Kofoid & Swezy) Schiller, 1933		233156							
Gonyaulacales	Heterodiniaceae	Heterodinium	<i>Heterodinium mediterraneum</i> Pavillard, 1932		110060							
Gonyaulacales	Heterodiniaceae	Heterodinium	<i>Heterodinium murrayi</i> Kofoid, 1906		110063	<i>Peridinium tripos</i> G.Murray & F.G. Whitting, 1899					*	
Gonyaulacales	Gonyaulacaceae	Protoceratium	<i>Protoceratium areolatum</i> Kofoid, 1907		110319							
Gonyaulacales	Gonyaulacaceae	Protoceratium	<i>Protoceratium reticulatum</i> (Claparède & Lachmann) Butschli, 1885		110321	<i>Peridiniopsis reticulata</i> (Claparède & Lachmann) Starmach <i>Protoceratium aceros</i> Bergh, 1882 <i>Gonyaulax grindleyi</i> Reinecke, 1967	*		*		*	
Gonyaulacales	Gonyaulacaceae	Protoceratium	<i>Protoceratium spinulosum</i> (Murray & Whitting) Schiller, 1937		110322						*	
Gonyaulacales	Gonyaulacaceae	Protoceratium	<i>Protoceratium splendens</i> Meunier, 1910		233603							
Gonyaulacales	Pyrophacaceae	Pyrophacus	<i>Pyrophacus horologicum</i> Stein, 1883		110266	<i>Pyrophacus horologicum</i> Stein, 1883 <i>emend. Wall et Dale, 1971 (spelling variation)</i>	*		*		*	
Gonyaulacales	Pyrophacaceae	Pyrophacus	<i>Pyrophacus steinii</i> (Schiller, 1935) Wall & Dale, 1971		110267	<i>Pyrophacus horologicum</i> var. <i>steinii</i> Schiller, 1935	*				*	
Gonyaulacales	Pyrophacaceae	Pyrophacus	<i>Pyrophacus vancampoeae</i> (R.Rossignol) Wall & Dale		232595							
Gonyaulacales	Cladopyxidaceae	Peridiniella	<i>Peridiniella danica</i> (Paulsen) Y.B. Okolodkov & J.D. Dodge, 1995		233369	<i>Glenodinium danicum</i> Paulsen, 1907	*		*		*	
Gymnodiniales	Gymnodiniaceae	Akashiwo	<i>Akashiwo sanguinea</i> (Hirasaka, 1924) G. Hansen et Moestrup, 2000		232546	<i>Gymnodinium nelsonii</i> Martin, 1929 <i>Gymnodinium sanguineum</i> Hirasaka, 1924 (spelling variation) <i>Gymnodinium sanguineum</i> K. Hirasaka, 1922 <i>Gymnodinium splendens</i> Lebour, 1925	*		*		*	
Gymnodiniales	Gymnodiniaceae	Katodinium	<i>Katodinium fungiforme</i> (Annisimova) Loeblich III, 1965		109883	<i>Gymnodinium blax</i> Harris, 1939 <i>Gymnodinium fungiforme</i> Schiller, 1933 <i>Katodinium austriacum</i> (Schiller) Loeblich III, 1965 <i>Katodinium crassifilum</i> (Schiller) Loeblich III, 1965	*				*	

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Gymnodiniales	Gymnodiniaceae	Katodinium	<i>Katodinium glaucum</i> (Lebour) Loeblich III, 1965		109885	Gyrodinium glaucum (Lebour) Kofoid & Swezy, 1921 Massartia glauca (Lebour) Schiller, 1937 Spirodinium glaucum Lebour, 1917						
Gymnodiniales	Gymnodiniaceae	Plectodinium	<i>Plectodinium nucleovolvatum</i> Biecheler, 1934		233071						*	
Gymnodiniales	Gymnodiniaceae	Cochlodinium	<i>Cochlodinium adriaticum</i> Schiller, 1933		109760	<i>Gyrodinium adriaticum</i> Schiller, 1928	*					
Gymnodiniales	Gymnodiniaceae	Cochlodinium	<i>Cochlodinium archimedis</i> (Pouchet) Lemmermann, 1899		731098	<i>Cochlodinium archimedes</i> (Pouchet) Lemmermann, 1899 <i>Gymnodinium archimedis</i> Pouchet, 1883	*				*	
Gymnodiniales	Gymnodiniaceae	Cochlodinium	<i>Cochlodinium brandtii</i> Wulff, 1916		109762	<i>Cochlodinium angustum</i> Kofoid & Swezy, 1921						
Gymnodiniales	Gymnodiniaceae	Cochlodinium	<i>Cochlodinium citron</i> Kofoid et Swezy, 1921		232653		*		*		*	
Gymnodiniales	Gymnodiniaceae	Cochlodinium	<i>Cochlodinium geminatum</i> (Schütt) Schütt, 1896		109765	<i>Gymnodinium geminatum</i> Schütt					*	
Gymnodiniales	Gymnodiniaceae	Cochlodinium	<i>Cochlodinium helicoides</i> Lebour, 1925		109766	<i>Cochlodinium helix</i> Kofoid & Swezy, 1921						
Gymnodiniales	Gymnodiniaceae	Cochlodinium	<i>Cochlodinium lebourae</i> Kofoid & Swezy, 1921		232668							
Gymnodiniales	Gymnodiniaceae	Cochlodinium	<i>Cochlodinium miniatum</i> C.A.Kofoid & O.Swezy		233075							
Gymnodiniales	Gymnodiniaceae	Cochlodinium	<i>Cochlodinium pirum</i> (Schütt) Lemmermann, 1921		232670	<i>Gymnodinium pirum</i> Schütt						
Gymnodiniales	Gymnodiniaceae	Cochlodinium	<i>Cochlodinium polykrikoides</i> Margalef, 1961		232650	<i>Cochlodinium heterolobatum</i> E.S.Silva, 1967						
Gymnodiniales	Gymnodiniaceae	Cochlodinium	<i>Cochlodinium pupa</i> Lebour, 1925		109773		*					
Gymnodiniales	Gymnodiniaceae	Cochlodinium	<i>Cochlodinium</i> sp.		109474		*					
Gymnodiniales	Kareniaaceae	Karenia	<i>Karenia aureola</i> (E.M.Hulbert) S.- Y.Cho, J.-S.Ki & M.-S.Han, 2008		707679	<i>Gymnodinium aureolum</i> (E.M.Hulbert) G.Hansen, 2000 <i>Gyrodinium aureolum</i> E.M.Hulbert, 1957			*			
Gymnodiniales	Kareniaaceae	Karenia	<i>Karenia brevis</i> (C.C.Davis) G.Hansen & Ø.Moestrup, 2000		233015	<i>Gymnodinium breve</i> C.C.Davis, 1948 <i>Gymnodinium brevis</i> Davis, 1948 <i>Ptychodiscus brevis</i> (C.C.Davis) Steidinger, 1979					*	
Gymnodiniales	Kareniaaceae	Karenia	<i>Karenia mikimotoi</i> (Miyake & Kominami ex Oda) G.Hansen & Ø.Moestrup, 2000		233024	<i>Gymnodinium mikimotoi</i> Miyake & Kominami ex Oda, 1935 <i>Gymnodinium nagasakiense</i> Takayama & Adachi, 1985 <i>Gyrodinium nagasakiense</i> Takayama & Adachi, 1984					*	
Gymnodiniales	Polykrikaceae	Pheopolykrikos	<i>Pheopolykrikos hartmannii</i> (Zimmermann, 1930) Matsuoka et Fukuyo, 1986		233067		*					
Gymnodiniales	Polykrikaceae	Polykrikos	<i>Polykrikos kofoidii</i> Chatton, 1914		109899	<i>Polykrikos auricularia</i> Bergh, 1881	*					
Gymnodiniales	Polykrikaceae	Polykrikos	<i>Polykrikos schwarzi</i> Butschli.		109901				*		*	
Gymnodiniales	Ptychodiscaceae	Herdmania	<i>Herdmania litoralis</i> Dodge, 1981emend. Hoppenrath, 2000		109894	<i>Gymnodinium agile</i> Herdman, 1922	*		*		*	
Gymnodiniales	Ptychodiscaceae	Ptychodiscus	<i>Ptychodiscus noctiluca</i> Stein, 1883		109888		*					

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Gymnodiniales	Tovelliaceae	Opisthoaulax	<i>Opisthoaulax vorticella</i> (F. Stein) Calado, 2011		625987	<i>Gymnodinium vorticella</i> F.Stein, 1883 <i>Gyrodinium vorticella</i> (F.Stein) Er. Lindemann, 1924 <i>Katodinium vorticellum</i> (F.Stein) A.R.Loeblich III, 1965 <i>Katodinium vorticellum</i> (Stein) Fott, 1957 <i>Massartia vorticella</i> (F.Stein) J.Schiller, 1933						
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium abbreviatum</i> Kofoid & Swezy, 1921		109777							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium adriaticum</i> (Schmarda, 1846) Kofoid et Swezy, 1921		109779		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium aeruginosum</i> F.Stein, 1883		109782	<i>Gymnodinium acidotum</i> Nygaard, 1949 <i>Gymnodinium campaniforme</i> Popovsky, 1971 <i>Gymnodinium viride</i> Penard, 1891						
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium agiliforme</i> Schiller, 1928		109780		*		*		*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium arcticum</i> Wulff, 1919		162529							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium arcuatum</i> Kofoid, 1931		232707							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium auratum</i> Kofoid & Swezy, 1921		232715							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium biconicum</i> Schiller, 1928		232721						*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium canus</i> Kofoid et Swezy, 1921		232727		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium catenatum</i> H.W.Graham 1943		109784						*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium cinctum</i> Kofoid et Swezy, 1921		232735		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium cneoides</i> T.M.Harris, 1940		162534	<i>Gymnodinium luteofaba</i> Javornicky, 1965 <i>Gymnodinium saginatum</i> T.M.Harris, 1940						
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium dissimile</i> Kofoid & Swezy, 1921		418123						*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium elongatum</i> Hope 1954	109791							*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium excavatum</i> Van Meel, 1969		163817							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium flavum</i> Kofoid et Swezy, 1921		232753		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium frigidum</i> Balech, 1965		232755							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium fuscum</i> (Ehrenberg, 1834) Stein, 1883		109794	<i>Cystodinium gessneri</i> (Baumeister) Bourrelly, 1970 <i>Gymnodinium caudatum</i> Prescott, 1944	*		*		*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium fusus</i> Schutt		109795	<i>Gyrodinium sugashimani</i> J. Cachon, H. Sato, M. Cachon et S. Sato, 1989 ; <i>Pseliodinium vaubanii</i> Sournia, 1972			*		*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium galeaeforme</i> Matzenauer, 1933		232763							



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Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium gelbum</i> Kofoid, 1931		232767		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium gibbera</i> Schiller, 1928		109797							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium gracile</i> Bergh, 1881		109800	<i>Gymnodinium lohmannii</i> Paulsen, 1908 <i>Gymnodinium roseum</i> Lohmann, 1908 <i>Gymnodinium spirale</i> var. <i>nobilis</i> Pouchet, 1883	*				*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium grammaticum</i> (Pouchet) Kofoid & Swezy, 1921		109801	<i>Gymnodinium punctatum</i> var. <i>grammaticum</i> Pouchet					*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium helveticum</i> Penard, 1891		109804	<i>Glenodinium apiculatum</i> Zacharias, 1901	*		*		*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium heterostriatum</i> Kofoid et Swezy, 1921		232778	<i>Gymnodinium hiroshimaense</i> Hada, 1968 <i>Gymnodinium hyalinum</i> Lebour, 1925 <i>Gymnodinium lucidum</i> Ballantine in Parke et Dixon, 1964	*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium impudicum</i> (S.Fraga & I.Bravo) G.Hansen & Ø.Moestrup, 2000		232785	<i>Gyrodinium impudicum</i> S.Fraga & I.Bravo, 1995						
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium irregulare</i> Hope, 1954		232792							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium japonicum</i> Hada, 1974		232793							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium kowalevskii</i> Pitzik, 1967		232795							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium lachmannii</i> Saville-Kent, 1881		232796							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium lacustre</i> Schiller, 1933		249715		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium lanskoii</i> Rouchijajnen, 1968		232798							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium lantzeschii</i> Utermöhl		109807	<i>Glenodinium minimum</i> (Lantzesch) Bachmann, 1924 <i>Gymnodinium album</i> Lindemann, 1928 <i>Gymnodinium lantzeschii</i> var. <i>rhizophoron</i> Javornicky, 1957 <i>Gymnodinium macronucleum</i> Litvinenko, 1963 <i>Gymnodinium rhizophoron</i> (Javornicky) Litvinenko, 1977	*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium marinum</i> Saville-Kent, 1881		109811		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium minor</i> Lebour		109814							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium najadeum</i> Schiller, 1928		109816		*		*		*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium nanum</i> Schiller, 1928		232821		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium neapolitanum</i> Schiller, 1928		109817		*				*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium nygaardii</i> Christen, 1958	unaccepted	700658							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium opressum</i> Conrad, 1926		232830		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium paradoxum</i> A.J.Schilling, 1891		576263						*	

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Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium patagonicum</i> Balech, 1971		232841		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium paulsenii</i> Schiller		109820						*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium pseudopalustre</i> J.Schiller	unaccepted	578435	<i>Gymnodinium palustre</i> A.J.Schilling, 1891	*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium pulchrum</i> Schiller, 1928		109824		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium punctatum</i> Pouchet, 1887		232848		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium pygmaeum</i> Lebour, 1925		109825							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium radiatum</i> Kofoid & Swezy, 1921		232855							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium rhomboides</i> Schütt, 1895		109826		*		*			
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium semidivisum</i> Schiller, 1928		109830						*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium simplex</i> (Lohmann, 1911) Kofoid & Swezy, 1921		109831		*		*		*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium sphaericum</i> (Calkins) Kofoid & Swezy, 1921		232867	<i>Gymnodinium gracile</i> var. <i>sphaerica</i> Calkins, 1902						
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium Stein</i> , 1878 (sp.)		109475				*			
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium stellatum</i> Hulbult, 1957		232869							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium sulcatum</i> Kofoid et Swezy, 1921		232873		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium uberrimum</i> (G.J. Allman) Kofoid & Swezy, 1921		109834	<i>Gymnodinium bogoriense</i> Klebs, 1912 <i>Gymnodinium irregulare</i> Christen, 1959 <i>Gymnodinium limitatum</i> Skuja, 1956 <i>Gymnodinium limneticum</i> Woloszynska, 1935 <i>Gymnodinium mirabile</i> Penard, 1891 <i>Gymnodinium obesum</i> Schiller, 1933 <i>Gymnodinium rotundatum</i> Klebs, 1912	*				*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium variabile</i> Herdman, 1924		109835		*				*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium varians</i> Maskell, 1887		163825							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium venator</i> Flo Jorgensen & Murray, 2004		547469	<i>Amphidinium pellucidum</i> E.C.Herdman, 1922 <i>Gymnodinium pellucidum</i> (E.C.Herdman) Flø Jørgensen & Murray, 2004						
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium wilczekii</i> Pouchet 1894		232889						*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium wulffii</i> Schiller, 1933		576265				*		*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gyrodinium britanicum</i> Kofoid & Swezy, 1921		109843							
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Amphidinium amphidinioides</i> (Geitler) Schiller, 1932		418120	<i>Amphidinium bourrellyi</i> Wawrik, 1982 <i>Amphidinium geitleri</i> Huber-Pestalozzi, 1950 <i>Amphidinium wigrense</i> Woloszynska, 1925 <i>Amphidinium geitleri</i> Huber-Pestalozzi						

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						Gymnodinium amphidinioides Gettler, 1924						
Gymnodiniales	Gymnodiniaceae	Gymnodinium	<i>Gymnodinium coronatum</i> Woloszynska, 1917	<i>unaccepted</i>	663743		*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium		<i>Gymnodinium dominans</i>			*				*	
Gymnodiniales	Gymnodiniaceae	Gymnodinium		<i>Gymnodinium gessneri</i> Baumeister								
Gymnodiniales	Gymnodiniaceae	Gymnodinium		<i>Gymnodinium hamulus</i> Kofoid and Swezy			*					
Gymnodiniales	Gymnodiniaceae	Gymnodinium		<i>Gymnodinium mirabile</i> var. <i>rufescens</i> Penard								
Gymnodiniales	Gymnodiniaceae	Gymnodinium		<i>Gymnodinium rufescens</i> Lemmerm.								
Gymnodiniales	Gymnodiniaceae	Gymnodinium		<i>Gymnodinium sp colonial</i>					*			
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium capsulatum</i> Kofoid & Swezy, 1921		232913							
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium conicum</i> Schiller, 1928		109846							
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium contortum</i> (Schutt) Kofoid & Swezy, 1921		109847							
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium cornutum</i> (Pouchet) Kofoid & Swezy, 1921		232923	Gymnodinium spirale var. cornutum Pouchet						
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium dominans</i> Hulbert, 1957		109851							
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium dorsum</i> Kofoid & Swezy, 1921		232928							
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium estuariale</i> Hulbert, 1957		109852						*	
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium falcatum</i> Kofoid & Swezy, 1921		232931							
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium fissum</i> (Levander) Kofoid & Swezy, 1921		109853	Gymnodinium fissum Levander, 1894					*	
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium flagellare</i> Schiller, 1928		109854		*					
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium flavum</i> Kofoid, 1931		232938							
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium foliaceum</i> Kofoid & Swezy, 1921		109855							
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium fusiforme</i> Kofoid & Swezy, 1921 (synonym)		109856		*		*		*	
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium herbaceum</i> Kofoid et Swezy, 1921		232952		*					
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium hyalinum</i> (Schilling) Kofoid & Swezy, 1921		547471	<i>Gymnodinium hyalinum</i> Schilling, 1891					*	
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium impendans</i> J.Larsen 1996		109857						*	
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium lachryma</i> (Meunier, 1910) Kofoid et Swezy, 1921		109859		*		*		*	
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium nasutum</i> (Wulff, 1916) Schiller, 1933		232970		*				*	
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium opimum</i> (Schütt) Lebour, 1925		109865	<i>Gymnodinium opimum</i> Schütt, 1895						
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium ovum</i> (Schütt, 1895) Kofoid & Swezy, 1921		109867	<i>Gymnodinium ovum</i> Schutz	*					
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium pavillardii</i> Biecheler, 1934		109869							

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Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium pellucidum</i> (Wulff) Schiller, 1933								*	
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium pingue</i> (Schütt, 1895) Kofoid et Swezy, 1921		109872	<i>Gymnodinium spirale</i> var. <i>pinguis</i> Schütt	*		*		*	
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium prunus</i> (Wulff) Lebour, 1925		109873							
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium pusillum</i> (Schilling) Kofoid & Swezy		391488	<i>Spirodinium pusillum</i> (Schilling) Lemmermann, 1900	*				*	
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium rhabdomante</i> Balech, 1973		233072							
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium rubricaudatum</i> Kofoid & Swezy, 1921		232993							
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium schuettii</i> (Lemmermann, 1899) Kofoid & Swezy, 1921		109875	<i>Gymnodinium cornutum</i> Schütt, 1895	*					
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium spirale</i> (Bergh, 1881) Kofoid & Swezy, 1921		109876		*		*		*	
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium varians</i> (Wulff, 1916) Schiller, 1933		109879		*					
Gymnodiniales	Gymnodiniaceae	Gyrodinium	<i>Gyrodinium wulffii</i> Schiller, 1933		109881		*				*	
Gymnodiniales	Gymnodiniaceae	Gyrodinium		<i>Gyrodinium limneticum</i> Lackey								
Gymnodiniales	Gymnodiniaceae	Gyrodinium Kofoid et Swezy, 1921 emend. G. Hansen et Moestrup, 2000	<i>Gyrodinium</i> sp.		109476		*		*			
Gymnodiniales	Gymnodiniaceae	Torodinium	<i>Torodinium robustum</i> Kofoid & Swezy, 1921		109889		*				*	
Gymnodiniales	Gymnodiniaceae	Torodinium	<i>Torodinium teredo</i> (Pouchet) Kofoid & Swezy, 1921		109890	<i>Gymnodinium teredo</i> Pouchet						
Gymnodiniales	Kareniaceae	Karlodinium	<i>Karlodinium veneficum</i> (D.Ballantine) J.Larsen, 2000		233037	<i>Gymnodinium galatheanum</i> Braarud, 1957 <i>Gymnodinium micrum</i> (B.Leadbeater & J.D.Dodge) Loeblich III, 1970 <i>Gymnodinium veneficum</i> D.Ballantine, 1956 <i>Gyrodinium galatheanum</i> (Baarud) Taylor, 1992 <i>Karlodinium micrum</i> (B.Leadbeater & J.D.Dodge) J.Larsen, 2000 <i>Woloszynskia micra</i> B.Leadbeater & J.D.Dodge, 1966					*	
Gymnodiniales	Tovelliaceae	Tovellia Moestrup, Lindberg et Daugbjerg 2004		<i>Tovellia coronata</i> (Woloszynska) Moestrup, Lindberg et Daugbjerg 2005		<i>Woloszynskia coronata</i>	*					
Gymnodiniales	Tovelliaceae	Tovellia Moestrup, Lindberg et Daugbjerg 2005	<i>Tovellia leopoliensis</i> (Wolosz.) Moestrup, Lindberg & Daugbjerg, 2005		577247	<i>Gymnodinium leopoliense</i> Woloszynska, 1917 (synonym)					*	
Gymnodiniales	Warnowiaceae	Nematodinium	<i>Nematodinium armatum</i> (Dogiel, 1906) Kofoid & Swezy, 1921		109907	<i>Nematodinium lebourae</i> Schiller, 1933 <i>Pouchetia maculata</i> Kofoid et Swezy, 1921	*					

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						<i>Pouchetia armata</i> Dogiel						
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium acutissimum</i> Schiller, 1933		109718						*	
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium acutum</i> Schiller, 1928		109719		*					
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium amphidinioides</i> (Geitler) Schiller, 1932		418120	<i>Amphidinium bourrellyi</i> Wawrik, 1982					*	
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium carterae</i> Hulburt, 1957		109723	<i>Amphidinium microcephalum</i> R.E.Norris					*	
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium conradii</i> J.Schiller		232559	<i>Gymnodinium glaucum</i> Conrad						
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium crassum</i> Lohmann, 1908		109726	<i>Amphidinium phaeocysticola</i> Lebour, 1925	*		*		*	
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium cucurbita</i> Kofoid & Swezy, 1921		232568							
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium curvatum</i> Schiller, 1928		109727							
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium extensum</i> Wulff, 1916		232577		*		*		*	
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium flagellans</i> Schiller		109728							
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium fusiforme</i> G.W.Martin		418121							
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium globosum</i> Schröder, 1911		109730		*					
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium inflatum</i> Kofoid, 1931		232588		*					
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium lanceolatum</i> Schroder, 1911		109739							
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium longum</i> Lohmann, 1908		109741		*					
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium luteum</i> Skuja, 1939		232592							
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium manannini</i> Herdman, 1924		109742							
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium massartii</i> Biecheler, 1952		109743	<i>Amphidinium hoefleri</i> Schiller & Diskus						
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium operculatum</i> Claparède & Lachmann, 1859		109745	<i>Amphidinium elegans</i> Grell et Wohlfarth-Bottermann, 1957 <i>Amphidinium klebsii</i> Kofoid & Swezy, 1921 <i>Amphidinium rhynchocephalum</i> Anissimowa, 1926 <i>Amphidinium wislouchii</i> Hulburt, 1957	*		*		*	
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium ovum</i> Herdman, 1924		109747		*				*	
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium</i> sp.		109473		*		*			
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium sphenoides</i> Wulff, 1916		109754	<i>Gymnodinium filum</i> Lebour, 1917	*				*	
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium steinii</i> Lemmermann 1910		109755	<i>Amphidinium wislouchii</i> Hulburt, 1957 (synonym)	*				*	
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium stigmatum</i> Schiller, 1928		109756							
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium sulcatum</i> Kofoid, 1907		232627							
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium tenagodes</i> T.M.Harris, 1940		656449							
Gymnodiniales	Gymnodiniaceae	Amphidinium	<i>Amphidinium turbo</i> Kofoid & Swezy, 1921		232633							
Gymnodiniales	Gymnodiniaceae	Amphidinium		<i>Amphidinium aculeatum</i> Schröder								
Gymnodiniales	Gymnodiniaceae	Amphidinium		<i>Amphidinium klebsii</i> f. minus Carter								

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Gymnodiniales	Gymnodiniaceae	Amphidinium		<i>Amphidinium klebsii</i> f. <i>ponticum</i> Roukh.								
Lophodinida	Lophodiniaceae	Aureodinium	<i>Aureodinium pigmentosum</i> Dodge 1967		577368	Gymnodinium pigmentosum (Dodge) Loeblich, 1970					*	
Lophodinida	Lophodiniaceae	Woloszynskia	Woloszynskia neglecta (Schilling) R.H.Thompson, 1950		162543	Gymnodinium neglectum (Schilling) Lindemann, 1929						
Lophodinida	Lophodiniaceae	Woloszynskia	Woloszynskia pascheri (Suchlandt) von Stosch, 1973		109910	Glenodinium pascheri Suchlandt, 1916 Gymnodinium hiemale Woloszynska, 1917 Gymnodinium inversum Nygaard, 1949 Gymnodinium mirum Utermöhl, 1923 Gymnodinium polonicum (Woloszynska) Woloszynska, 1917 Gymnodinium skvortzovii Schiller, 1933 Gymnodinium tatricum Woloszynska, 1919 Gymnodinium undulatum Woloszynska, 1925 Gymnodinium veris E.Lindemann, 1925 Woloszynskia hiemale (Woloszynska) R.H.Thompson, 1951					*	
Lophodinida	Lophodiniaceae	Woloszynskia		Woloszynskia coronata var. glabra (Wolosz.) R.H.Thomps. - gasit (Woloszynska) Moestrup, Lindberg, Daugbjerg								
Lophodinida	Lophodiniaceae	Woloszynskia		<i>Woloszynskia nigaardii</i> (Christen) Litvin. - gasit (Woloszynska) Moestrup, Lindberg, Daugbjerg								
Noctilucales	Leptodiscaceae	Petalodinium	<i>Petalodinium porcelio</i> Cachon & Cachon, 1969		109915							
Noctilucales	Protodiniferaceae	Pronoctiluca	<i>Pronoctiluca acuta</i> (Lohmann) Schiller, 1933		233180	Rhynchomonas acuta Lohmann Rhynchomonas curvata Lohmann, 1921					*	
Noctilucales	Protodiniferaceae	Pronoctiluca	<i>Pronoctiluca pelagica</i> Fabre-Domerque, 1889		109903	<i>Rhynchomonas marina</i> Lohmann, 1902	*				*	
Noctilucales	Protodiniferaceae	Pronoctiluca	<i>Pronoctiluca spinifera</i> (Lohmann, 1920) Schiller, 1933		109904		*				*	
Noctilucales	Protodiniferaceae	Pronoctiluca		<i>Pronoctiluca tentaculata</i> (Kofoid & Swezy) Fabre								
Noctilucales	Kofoidiaceae	Kofoidium	<i>Kofoidium lebourae</i> (Pavillard, 1921) F.J.R. Taylor, 1976		233165	Gymnodinium lebourae Pavillard, 1921 Gymnodinium pseudonoclituca Lebour, 1917	*					
Noctilucales	Kofoidiaceae	Kofoidium	<i>Kofoidium velleoides</i> Pavillard, 1928		109920	<i>Kofoidium velleoides</i> Pavillard, 1929						
Noctilucales	Kofoidiaceae	Spatulodinium	<i>Spatulodinium pseudonoclituca</i> (Pouchet, 1885) J. Cachon et M. Cachon ex Loeblich Jr. et Loeblich III, 1969		109923	Gymnodinium conicum Kofoid & Swezy, 1921 Gymnodinium lebouriae Pavillard, 1921 Gymnodinium pseudonoclituca Pouchet, 1885	*				*	

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						<i>Gymnodinium pyrocystis</i> Jørgensen, 1912						
Noctilucales	Leptodisceaceae	Scaphodinium	<i>Scaphodinium mirabile</i> Margalef, 1963		109916							
Noctilucales	Noctilucaceae	Noctiluca	<i>Noctiluca scintillans</i> (Macartney) Kofoid & Swezy, 1921		109921	<i>Medusa scintillans</i> Macartney, 1810 <i>Noctiluca miliaris</i> Suriray, 1816			*		*	
Oxyrrhinales	Oxyrrhinaceae	Oxyrrhis	<i>Oxyrrhis marina</i> Dujardin, 1841		109902	<i>Oxyrrhis maritima</i> van Meel, 1969 <i>Oxyrrhis tentaculifera</i> Conrad, 1939	*					
Peridinales	Centroдиниaceae	Centrodinium	<i>Centrodinium intermedium</i> Pavillard, 1930		110071							
Peridinales	Dinosphaeraceae	Dinosphaera	<i>Dinosphaera palustris</i> (Lemmermann) Kofoid & Michener, 1912		609556	<i>Glenodinium palustre</i> (Lemmermann) Schiller, 1937 <i>Gonyaulax palustris</i> Lemmermann, 1907						
Peridinales	Glenodiniopsidaceae	Glenodiniopsis	<i>Glenodiniopsis steinii</i> (Lemmermann) Woloszynska, 1916		576700	<i>Sphaerodinium cinctum</i> Woloz <i>Glenodinium cinctum</i> Ehrenberg, 1836	*					
Peridinales	Glenodiniopsidaceae	Sphaerodinium		<i>Sphaerodinium cracoviense</i> Wotosz.								
Peridinales	Glenodiniopsidaceae	Sphaerodinium		<i>Sphaerodinium javanicum</i> Wotosz.								
Peridinales	Glenodiniopsidaceae	Sphaerodinium		<i>Sphaerodinium limneticum</i> Woszolynska								
Peridinales	Glenodiniopsidaceae	Sphaerodinium		<i>Sphaerodinium polonicum</i> Wotosz.								
Peridinales	Glenodiniopsidaceae	Sphaerodinium		<i>Sphaerodinium</i> var. <i>polonicum</i> (Wolosz.) Huber-Pestalozzi								
Peridinales	Kolkwitiellaceae	Kolkwitiella	<i>Kolkwitiella acuta</i> (Apstein) Elbrachter		109583							
Peridinales	Lessardiaceae	Lessardia	<i>Lessardia elongata</i> Saldarriaga et F.J.R.Taylor, 2003		232703		*					
Peridinales	Oxytoxaceae	Corythodinium	<i>Corythodinium compressum</i> (Kofoid) Taylor, 1976		233751	<i>Oxytoxum compressum</i> Kofoid						
Peridinales	Oxytoxaceae	Corythodinium	<i>Corythodinium diploconus</i> (Stein) F.J.R.Taylor, 1976		110073							
Peridinales	Oxytoxaceae	Corythodinium	<i>Corythodinium reticulatum</i> (Stein) Taylor, 1976		110076							
Peridinales	Oxytoxaceae	Oxytoxum	<i>Oxytoxum adriaticum</i> Schiller, 1937		110079							
Peridinales	Oxytoxaceae	Oxytoxum	<i>Oxytoxum brunellii</i> Rampi, 1939		110081							
Peridinales	Oxytoxaceae	Oxytoxum	<i>Oxytoxum caudatum</i> Schiller, 1937		110082	<i>Oxytoxum nanum</i> Halldal, 1953						
Peridinales	Oxytoxaceae	Oxytoxum	<i>Oxytoxum elegans</i> Pavillard, 1916		110094	<i>Centrodinium elegans</i> (Pavillard, 1916) F.J.R. Taylor, 1976	*					
Peridinales	Oxytoxaceae	Oxytoxum	<i>Oxytoxum gladiolus</i> Stein, 1883		233860							
Peridinales	Oxytoxaceae	Oxytoxum	<i>Oxytoxum gracile</i> Schiller, 1937		233870							
Peridinales	Oxytoxaceae	Oxytoxum	<i>Oxytoxum laticeps</i> Schiller, 1937		110097							
Peridinales	Oxytoxaceae	Oxytoxum	<i>Oxytoxum longum</i> Schiller, 1937		110100							
Peridinales	Oxytoxaceae	Oxytoxum	<i>Oxytoxum milneri</i> Murray & Whitting, 1899		110103						*	
Peridinales	Oxytoxaceae	Oxytoxum	<i>Oxytoxum mitra</i> Stein, 1883		110105						*	
Peridinales	Oxytoxaceae	Oxytoxum	<i>Oxytoxum parvum</i> Schiller, 1937		110109	<i>Oxytoxum tenuistriatum</i> Rampi, 1943					*	

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Peridinales	Oxytoxaceae	Oxytoxum	Oxytoxum reticulatum (Stein) Schütt, 1899		110113	Centrodinium frenguelli (Rampi, 1941) F.J.R. Taylor, 1976 Centrodinium latum (Gaarder) F.J.R. Taylor, 1976 Centrodinium reticulatum (Stein) Loeblich Jr. & Loeblich III, 1966						
Peridinales	Oxytoxaceae	Oxytoxum	Oxytoxum scolopax Stein, 1883		110115							
Peridinales	Oxytoxaceae	Oxytoxum	Oxytoxum sphaeroideum Stein, 1883		110116	Oxytoxum boehmii Schiller, 1937					*	
Peridinales	Oxytoxaceae	Oxytoxum	Oxytoxum subulatum Kofoid		110118							
Peridinales	Oxytoxaceae	Oxytoxum	Oxytoxum turbo Kofoid, 1907		233871							
Peridinales	Oxytoxaceae	Oxytoxum	Oxytoxum variabile Schiller, 1937		233868						*	
Peridinales	Oxytoxaceae	Oxytoxum	Oxytoxum viride Schiller, 1937		110122							
Peridinales	Oxytoxaceae	Pavillardinium	<i>Pavillardinium spinosum (Kofoid) F.J.R. Taylor ex Sournia</i>		233205							
Peridinales	Oxytoxaceae	Thecadinium	<i>Thecadinium kofoidii (Herdman, 1923) Larsen, 1985</i>		110272	<i>Amphidinium kofoidii Herdman, 1922</i> <i>Amphidinium kofoidii var. petasarum Herdman, 1922</i> <i>Phalacroma kofoidii Herdman, 1924</i>	*					
Peridinales	Peridiniaceae	Bysmatrum	<i>Bysmatrum subsalsum (Ostenfeld) M.A.Faust &amp; K.A.Steidinger, 1998</i>		233840	Peridinium subsalsum Ostenfeld, 1908 Scrippsiella subsalsa (Ostenfeld) Steidinger & Balech, 1977						
Peridinales	Peridiniaceae	Durinskia	<i>Durinskia baltica (K.M.Levander) S.Carty &amp; E.R.Cox, 1986</i>		248118	<i>Glenodinium balticum K.M.Levander, 1894</i> <i>Peridinium balticum (Levander) Lemmermann, 1900</i>						
Peridinales	Peridiniaceae	Durinskia		<i>Durinskia oculata (F.Stein) Gert Hansen &amp; Flaim</i>								
Peridinales	Peridiniaceae	Enciculifera	<i>Enciculifera carinata Matsuoka, Kobayashi &amp; Gains, 1990</i>		233835				*			
Peridinales	Peridiniaceae	Glenodinium	<i>Glenodinium behningii (Lindemann) Kisseleva</i>		590448	Diplosalis behningii Lindemann, 1927						
Peridinales	Peridiniaceae	Glenodinium	Glenodinium caspicum (Ostf.)Schill.		576243				*			
Peridinales	Peridiniaceae	Glenodinium	<i>Glenodinium paululum Lindemann</i>		110149		*		*		*	
Peridinales	Peridiniaceae	Glenodinium	<i>Glenodinium pilula (Ostenfeld) Schiller, 1935</i>		571649		*		*		*	
Peridinales	Peridiniaceae	Glenodinium	<i>Glenodinium pulvisculum (Ehrenberg) F.Stein, 1883</i>		110150	Peridinium pulvisculus Ehrenberg						
Peridinales	Peridiniaceae	Glenodinium		<i>Glenodinium conicum Gran</i>								
Peridinales	Peridiniaceae	Glenodinium		<i>Glenodinium dybowskii (Wolosz.)</i>								
Peridinales	Peridiniaceae	Glenodinium		<i>Glenodinium helveticum var. apiculata (O.Zacharias) Utermohl</i>								
Peridinales	Peridiniaceae	Glenodinium		<i>Glenodinium inflatum Meunier</i>			*		*			
Peridinales	Peridiniaceae	Glenodinium		<i>Glenodinium sanguineum Marchesoni</i>								
Peridinales	Peridiniaceae	Glenodinium		<i>Glenodinium thorianum Paulsen</i>								



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Peridinales	Peridiniaceae	Kryptoperidinium	<i>Kryptoperidinium foliaceum</i> (F.Stein) Lindemann, 1924		110154	<i>Glenodinium foliaceum</i> F.Stein, 1883						
Peridinales	Peridiniaceae	Kryptoperidinium		<i>Kryptoperidinium foliaceum</i> var. <i>ponticum</i> (Roukhiyajnen) Krachmalny								
Peridinales	Peridiniaceae	Palatinus		<i>Palatinus apiculatus</i> (Ehrenberg) Craveiro, Calado, Daugbjerg & Moestrup								
Peridinales	Peridiniaceae	Parvodinium		<i>Parvodinium africanum</i> (Lemmermann) Carty								
Peridinales	Peridiniaceae	Parvodinium		<i>Parvodinium goslaviense</i> (Włoszyńska) Carty								
Peridinales	Peridiniaceae	Parvodinium		<i>Parvodinium goslaviense</i> (Włoszyńska) Carty								
Peridinales	Peridiniaceae	Parvodinium		<i>Parvodinium inconspicuum</i> (Lemmermann) Carty								
Peridinales	Peridiniaceae	Parvodinium		<i>Parvodinium lubieniense</i> (Włoszyńska) Carty								
Peridinales	Peridiniaceae	Parvodinium		<i>Parvodinium pusillum</i> (Pénard) Carty								
Peridinales	Peridiniaceae	Parvodinium		<i>Parvodinium umbonatum</i> (F.Stein) Carty								
Peridinales	Peridiniaceae	Parvodinium		<i>Parvodinium umbonatum</i> var. <i>lubieniense</i> (Wolszynska) Krachmalny & Velikova comb. nov.								
Peridinales	Peridiniaceae	Pentapharsodinium	<i>Pentapharsodinium dalei</i> Indelicato & Loeblich III, 1986		109925							
Peridinales	Peridiniaceae	Pentapharsodinium	<i>Pentapharsodinium Indelicato et Loeblich III, 1986</i>	<i>Pentapharsodinium</i> sp.	109504		*					
Peridinales	Peridiniaceae	Pentapharsodinium	<i>Pentapharsodinium tyrrhenicum</i> (Balech) Montessor, Zingone & Marino, 1993		233820	<i>Peridinium tyrrhenicum</i> Balech, 1990						
Peridinales	Peridiniaceae	Peridiniopsis	<i>Peridiniopsis borgei</i> Lemmermann 1904		110159	<i>Glenodinium borgei</i> (Lemmermann) Schiller, 1937					*	
Peridinales	Peridiniaceae	Peridiniopsis	<i>Peridiniopsis elpatiewskyi</i> (Ostenfeld) Bourrelly, 1968		110161	<i>Peridinium elpatiewskyi</i> (Ostenfeld) Lemmermann, 1910						
Peridinales	Peridiniaceae	Peridiniopsis	<i>Peridiniopsis oculatum</i> (F.Stein) Bourrelly, 1968		576247	<i>Glenodinium oculatum</i> Stein, 1883						
		Peridiniopsis	<i>Peridiniopsis penardiforme</i> (Lindemann) Bourrelly, 1968		615598	<i>Glenodinium penardiforme</i> (Lindemann) Schiller, 1937 <i>Peridinium penardiforme</i> Lindemann, 1918						
Peridinales	Peridiniaceae	Peridiniopsis	<i>Peridiniopsis penardii</i> (Lemmermann) Bourrelly, 1968	unaccepted	110163	<i>Glenodinium penardii</i> Lemmermann, 1900 <i>Peridinium penardii</i> (Lemmermann) Lemmermann, 1910						
Peridinales	Peridiniaceae	Peridiniopsis	<i>Peridiniopsis thompsonii</i> (Thompson) Bourrelly, 1968		162524	<i>Glenodinium quadridens</i> (Stein) Schiller, 1937						

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Peridinales	Peridiniaceae	Peridiniopsis		<i>Peridiniopsis penardii f. major</i> (Er. Lindem.) Bourrelly								
Peridinales	Peridiniaceae	Peridinium	<i>Peridinium africanum Lemmermann, 1907</i>		577284							
Peridinales	Peridiniaceae	Peridinium	<i>Peridinium bipes F.Stein, 1883</i>		110181	<i>Peridinium bipes f. tabulatum</i> (Ehrenberg) Lefèvre, 1932 <i>Peridinium bipes var. occultatum</i> Lindemann, 1918 <i>Peridinium tabulatum</i> (Ehrenberg) Claparède & Lachmann, 1859			*		*	
Peridinales	Peridiniaceae	Peridinium	<i>Peridinium catenatum K.M.Levander</i>		233366							
Peridinales	Peridiniaceae	Peridinium	<i>Peridinium cinctum (O.F.Müller)</i> Ehrenberg		110183	<i>Peridinium cinctum f. angulatum</i> (Lindemann) Lefèvre <i>Peridinium cinctum f. meandricum</i> Lefèvre, 1932 <i>Peridinium cinctum f. ovoplanum</i> Lindemann, 1918 <i>Peridinium cinctum f. regulatum</i> (Lindemann) Lefèvre, 1932 <i>Peridinium cinctum f. tuberosum</i> (Meunier) Lefèvre, 1932 <i>Peridinium cinctum f. westii</i> (Lemmermann) Lefèvre, 1932 <i>Peridinium cinctum var. angulatum</i> Lindemann, 1918 <i>Peridinium cinctum var. carinatum</i> Steinecke & Lindemann, 1923 <i>Peridinium cinctum var. irregulatum</i> Lindemann, 1918 <i>Peridinium cinctum var. laesum</i> Lindemann, 1918 <i>Peridinium cinctum var. lemmermannii</i> West, 1909 <i>Peridinium cinctum var. regulatum</i> Lindemann, 1918 <i>Peridinium cinctus var. tuberosum</i> (Meunier) Lindemann, 1928 <i>Peridinium eximium</i> Lindemann, 1918 <i>Peridinium germanicum</i> Lindemann, 1918 <i>Peridinium meandricum</i> Brehm, 1907 <i>Peridinium rhenanum</i> Lindemann, 1919 <i>Peridinium tabulatum var. meandrica</i> Lauterborn, 1910 <i>Peridinium tuberosum</i> Meunier, 1919 <i>Peridinium westii</i> Lemmermann, 1906 <i>Peridinium westii var. aureolatum</i> Lemmermann <i>Vorticella cincta</i> O.F.Müller, 1773	*		*		*	
Peridinales	Peridiniaceae	Peridinium	<i>Peridinium goslaviense Woloszynska</i>	unaccepted	110186		*					

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Peridinales	Peridiniaceae	Peridinium	Peridinium lomnickii Woloszynska, 1916		163841							
Peridinales	Peridiniaceae	Peridinium	<i>Peridinium palustre</i> (Lindemann) Lefevre, 1932	unaccepted	110192							
Peridinales	Peridiniaceae	Peridinium	<i>Peridinium quinquecorne</i> Abé, 1927		233804	<i>Proto-peridinium quinquecorne</i> (Abé) Balech, 1974	*					
Peridinales	Peridiniaceae	Peridinium	<i>Peridinium simplex</i> H.H.Gran & T.Braarud		577645							
Peridinales	Peridiniaceae	Peridinium	<i>Peridinium umbonatum</i> F. Stein, 1883		110196	<i>Gymnodinium oligoplacatum</i> Skuja, 1956 <i>Peridinium inconspicuum</i> Lemmermann, 1899 <i>Peridinium pusillum</i> (Pénard) Lemmermann, 1901 <i>Peridinium umbonatum</i> var. <i>inaequale</i> Lemmermann, 1910	*					
Peridinales	Peridiniaceae	Peridinium	<i>Peridinium willei</i> Huitfeldt-Kaas, 1900		110198	<i>Peridinium kincaidi</i> Wailes, 1933 <i>Peridinium striolatum</i> Wailes, 1928 <i>Peridinium volzii</i> Lemmermann, 1905			*			
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium andrzejowskii</i> Wołosz.								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium capsicum</i> (Ostf.) Schill.					*			
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium chalubinskii</i> Wołosz.								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium conicum</i> f. <i>concava</i> Matzen.								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium divergens</i> var. <i>oceanicum</i> Ostenfeld								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium geminum</i> var. <i>angulosum</i> Playfair								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium geminum</i> var. <i>elegans</i> Playfair								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium geminum</i> var. <i>excavatum</i> Playfair								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium laeve</i> var. <i>marssonii</i> Lindemann								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium laeve</i> var. <i>minor</i> Denis								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium latum</i> var. <i>halophilla</i> E.Lindemann								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium levanderi</i> Lemmerm								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium limnophilum</i> Er.Lindem								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium lubieniense</i> Wołoszynska								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium minusculum</i> f. <i>spiniferum</i> Er. Lindem.								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium oceanicum</i> var. <i>oblongum</i> Paulsen								

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Peridinales	Peridiniaceae	Peridinium	Peridinium palatinum R.Lauterborn	unaccepted	110191	Peridinium apiculatum (G.S.West) Lindemann, 1928 Peridinium apiculatum var. cristatum (Lindemann) Lindemann, 1928 Peridinium laeve marssonii Lindemann, 1919 Peridinium laeve marssonii var. contactum Lindemann, 1919 Peridinium laeve var. minor Denis, 1925 Peridinium palatinum f. anglicum (West) Lefèvre, 1932 Peridinium palatinum f. cristatum Lindemann, 1919 Peridinium palatinum var. minor (Denis) Lefèvre, 1932						
Peridinales	Peridiniaceae	Peridinium		Peridinium palustre var. raciborskii (Wolosz.) M.Lefevre								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium pilula</i> (Ostenfeld) Lemmermann								
Peridinales	Peridiniaceae	Peridinium		Peridinium raciborskii Wolosz.								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium seta</i> Ehrenberg								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium spinosum</i> J.Schiller								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium tabulatum</i> var. <i>hieroglyphicum</i> Playfair								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium tabulatum</i> var. <i>meandrica</i> Lauterborn								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium tabulatum</i> var. <i>westii</i> Playfair								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium umbonatum</i> var. <i>elpatiewskyi</i> Ostenfeld								
Peridinales	Peridiniaceae	Peridinium		<i>Peridinium umbonatum</i> var. <i>Jubieniense</i> (Wolszynska) J.Popovsky & L.Pfeister								
Peridinales	Peridiniaceae	Scrippsiella	<i>Scrippsiella sweeneyae</i> A.R.Loeblich III, 1965		233781		*					
Peridinales	Peridiniaceae	Scrippsiella	<i>Scrippsiella trochoidea</i> (Stein) Balech ex Loeblich III, 1965		110172	<i>Calciadinellum faeroense</i> (Paulsen, 1905) Havskum, 1991 <i>Glenodinium acuminatum</i> Jørgensen, 1899 <i>Glenodinium trochoideum</i> Stein, 1883 <i>Peridinium faeroense</i> O.W.Paulsen, 1905 <i>Peridinium trochoideum</i> (Stein) Lemmermann, 1910 <i>Scrippsiella faeroensis</i> (Paulsen) Balech & Soares, 1966	*		*		*	
Peridinales	Peridiniaceae	Scrippsiella		<i>Scrippsiella trochoidea</i> stadii vegetative					*			
Peridinales	Peridiniida incertae sedis	Azadinium	<i>Azadinium spinosum</i> Elbrächter & Tillmann, 2009		391509		*					

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Peridinales	Peridiniida incertae sedis	Heterocapsa	<i>Heterocapsa niei</i> (Loeblich III) Morrill & Loeblich III, 1981		233620	<i>Cachonina niei</i> Loeblich, 1968						
Peridinales	Peridiniida incertae sedis	Heterocapsa	<i>Heterocapsa rotundata</i> (Lohmann, 1908) G. Hansen, 1995		110152	<i>Amphidinium rotundatum</i> Lohmann, 1911 <i>Gymnodinium minutum</i> Lebour, 1925 <i>Katodinium minutum</i> (Lebour) Sournia, 1973 <i>Katodinium redekei</i> (Conrad et Kufferath, 1954) Loeblich III, 1965 <i>Katodinium rotundatum</i> (Lohmann) Loeblich III, 1965 <i>Massartia rotundata</i> (Lohmann) Schiller, 1933	*		*		*	
Peridinales	Peridiniida incertae sedis	Heterocapsa	<i>Heterocapsa triquetra</i> (Ehrenberg, 1840) Stein, 1883		110153	<i>Glenodinium triquetrum</i> Ehrenberg <i>Peridinium triquetra</i> (Ehrenberg) Lebour, 1925 <i>Peridinium triquetrum</i> (Ehrenberg) Lebour, 1925	*		*		*	
Peridinales	Podolampadaceae	Podolampas	<i>Podolampas bipes</i> Stein, 1883		110199							
Peridinales	Podolampadaceae	Podolampas	<i>Podolampas elegans</i> Schütt, 1895		110201						*	
Peridinales	Podolampadaceae	Podolampas	<i>Podolampas palmipes</i> Stein, 1883		232625	<i>Podolampus palmipes</i> Stein, 1883 (incorrect spelling)					*	
Peridinales	Podolampadaceae	Podolampas	<i>Podolampas spinifera</i> Okamura, 1912		110202						*	
Peridinales	Protoperidiniaceae	Diplopelta	<i>Diplopelta asymmetrica</i> (Mangin) Balech		110131							
Peridinales	Protoperidiniaceae	Diplopelta	<i>Diplopelta bomba</i> Stein ex Jorgensen, 1912		110133							
Peridinales	Protoperidiniaceae	Diplopsalis	<i>Diplopsalis acuta</i> (Apstein) Entz, 1904		573687	<i>Entzia acuta</i> (Apstein) Lebour, 1922 <i>Glenodinium acutum</i> Apstein, 1896 <i>Peridinium latum</i> Paulsen, 1908						
Peridinales	Protoperidiniaceae	Diplopsalis	<i>Diplopsalis lenticula</i> Bergh, 1881		110001	<i>Glenodinium lenticula</i> Pouchet, 1883 <i>Peridiniopsis lenticula</i> (Bergh) Starmach, 1974	*		*		*	
Peridinales	Protoperidiniaceae	Diplopsalis	<i>Diplopsalis minor</i> (Paulsen) Margalef		377231							
Peridinales	Protoperidiniaceae	Diplopsalis	<i>Diplopsalis pilula</i> Ostenfeld, 1908		110003							
Peridinales	Protoperidiniaceae	Diplopsalopsis	<i>Diplopsalopsis bomba</i> (Stein ex Jorgensen) J.D.Dodge & S.Toriumi, 1993		155560	<i>Diplopelta asymmetricum</i> Lebour <i>Diplopsalopsis asymmetricum</i> Abé, 1941 <i>Diplopsalis lenticulata</i> Stein, 1883 <i>Dissodium asymmetricum</i> (Mangin) Loeblich III, 1970 <i>Peridiniopsis asymmetrica</i> Mangin, 1911					*	
Peridinales	Protoperidiniaceae	Diplopsalopsis	<i>Diplopsalopsis orbicularis</i> (Paulsen) Meunier, 1910		110139	<i>Diplopsalis orbicularis</i> Steidinger & Williams, 1970 <i>Peridinium orbiculare</i> Paulsen, 1907			*			
Peridinales	Protoperidiniaceae	Diplopsalis		<i>Diplopsalis behningii</i> E.Lindemann								
Peridinales	Protoperidiniaceae	Diplopsalis		<i>Diplopsalis caspica</i> Ostenfeld								
Peridinales	Protoperidiniaceae	Diplopsalis		<i>Diplopsalis lenticula</i> f. <i>globularis</i> Berg								

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Peridinales	Protoperidiniaceae	Diplopsalis		<i>Diplopsalopsis orbicularis</i> var. <i>temaris</i> (T.H.Abe) Krachmalny								
Peridinales	Protoperidiniaceae	Oblea	<i>Oblea rotunda</i> (Lebour) Balech ex Sournia, 1973		110155	<i>Diplopsalis rotunda</i> (Lebour) Wood, 1954 <i>Diplopsalis rotundata</i> Steidinger et Williams, 1970 <i>Glenodinium rotundum</i> (Lebour) Schiller, 1937 <i>Peridiniopsis rotunda</i> Lebour	*		*		*	
Peridinales	Peridiniida incertae sedis	Archaeperidinium	<i>Archaeperidinium minutum</i> (Kofoid) Jörgensen, 1912		110233	<i>Peridinium minutum</i> Kofoid, 1907	*		*		*	
Peridinales	Protoperidiniaceae	Preperidinium	<i>Preperidinium lenticulatum</i> (Pavillard) Elbrächter		367427							
Peridinales	Protoperidiniaceae	Preperidinium	<i>Preperidinium meunierii</i> (Pavillard, 1907) Elbrächter, 1993		109927	<i>Diplopetopsis minor</i> Pavillard, 1913 <i>Diplopsalis lenticula</i> f. <i>minor</i> Paulsen, 1907 <i>Diplopsalis minor</i> (Paulsen) Lindemann, 1927 <i>Glenodinium lenticula</i> f. <i>minor</i> Schiller, 1937 <i>Peridinium lenticulum</i> Mangin, 1911 <i>Peridinium meunierii</i> Pavillard, 1912 <i>Peridinium paulsenii</i> Mangin, 1911 <i>Preperidinium paulseni</i> (Mangin) Mangin <i>Zygabikodinium lenticulatum</i> Loeblich Jr. & Loeblich III, 1970	*		*			
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium abei</i> (Paulsen) Balech, 1974		233556							
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium achromaticum</i> (Levander, 1902) Balech, 1974		110205	<i>Peridinium achromaticum</i> Levander	*					
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium bipes</i> (Paulsen, 1904) Balech, 1974		110208	<i>Glenodinium bipes</i> Paulsen, 1904 <i>Peridinium minisculum</i> Pavillard, 1905	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium bispinum</i> (Schiller) Balech, 1974		233466							
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium breve</i> Paulsen, 1907		110209		*				*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium brevipes</i> (Paulsen, 1908) Balech, 1974		110210	<i>Peridinium brevipes</i> Paulsen, 1908 <i>Protoperidinium incurvum</i> Lindemann, 1924 <i>Protoperidinium varicans</i> Paulsen, 1911	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium brochii</i> (Kofoid et Swezy, 1921) Balech, 1974		110211		*				*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium bulla</i> (Meunier) Balech, 1974		233457		*					
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium claudicans</i> (Paulsen, 1907) Balech, 1974		163862	<i>Peridinium claudicans</i> Paulsen, 1907	*				*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium compressum</i> (Abé, 1927) Balech, 1974		233424		*				*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium conicoides</i> (Paulsen, 1905) Balech, 1973		110212	<i>Peridinium conicoides</i> Paulsen, 1905	*				*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium conicum</i> (Gran, 1900) Balech, 1974		110213	<i>Peridinium conicum</i> (Gran) Ostenfeld & Schmidt, 1902	*		*		*	

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Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium conicum f. quardafuiana (Matzenauer) Balech, 1974</i>		422730							
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium crassipes (Kofoid, 1907) Balech, 1974</i>		110214	<i>Peridinium crassipes Kofoid, 1907</i>	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium curtipes (Jorgensen) Balech, 1974</i>		110215	<i>Peridinium curtipes Jorgensen, 1912</i>					*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium curvipes (Ostenfeld) Balech, 1974</i>		163934	<i>Peridinium curvipes Ostenfeld, 1906</i>			*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium decipiens (Jørgensen) Parke &amp; Dodge, 1976</i>		233390	<i>Peridinium decipiens Jorg.</i>			*			
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium deficiens (Meunier) Balech, 1974</i>		163429						*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium denticulatum (Gran &amp; Braarud) Balech, 1974</i>		110216	<i>Protoperidinium clavus Abé, 1936</i>						
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium depressum (Bailey, 1850) Balech, 1974</i>		110217	<i>Peridinium depressum Bailey, 1854</i>	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium diabolus (Cleve) Balech, 1974</i>		172460	<i>Peridinium diabolus Cleve, 1900</i> <i>Protoperidinium diabolus (Karsten) Balech (spelling mistake)</i>			*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium divergens (Ehrenberg) Balech, 1974</i>		110219	<i>Peridinium divergens</i>	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium elegans (Cleve) Balech, 1974</i>		233357	<i>Peridinium elegans Cleve</i> <i>Protoperidinium annulatum Kofoid &amp; Michener, 1911</i>					*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium elongatum (Meunier, 1910) Balech, 1974</i>		233353	<i>Peridinium elongatum Meunier, 1910</i>	*					
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium excentricum (Paulsen, 1907) Balech, 1974</i>		110220	<i>Peridinium excentricum Paulsen, 1907</i>	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium globulus (Stein, 1883) Balech, 1974</i>		232921	<i>Peridinium globulus Stein, 1883</i> <i>Protoperidinium globulum (Stein) Balech, 1974 (spelling)</i>	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium globulus var. ovatum (Pouchet) Balech, 1974</i>		422734							
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium globulus var. quarnerense</i>		578584				*			
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium grande (Kofoid) Balech, 1974</i>		110222	<i>Peridinium grande Kofoid</i>					*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium granii (Ostenfeld, 1906) Balech, 1974</i>		110223	<i>Peridinium granii Ostenfeld, 1906</i>	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium grenlandicum (Woloszynska) Balech, 1974</i>		233295							
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium inflatum (Okamura) Balech, 1974</i>		110226	<i>Protoperidinium crassum P. Dangeard, 1927</i>						
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium joergensenii (Balech, 1971) Balech, 1974</i>		233243	<i>Protoperidinium pedunculatum Jørgensen, 1905</i>	*					
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium latissimum (Kofoid, 1907) Balech, 1974</i>		233211	<i>Protoperidinium exiquipes (Mangin, 1930) Dodge</i> <i>Protoperidinium pentagonoides Balech, 1949</i>	*					

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Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium leonis</i> (Pavillard, 1916) Balech, 1974		110229	<i>Peridinium leonis</i> Pavillard, 1916	*				*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium longipes</i> Balech, 1974		233198						*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium longispinum</i> (Kofoid) Balech, 1974		233195	<i>Peridinium longispinum</i> Kofoid, 1907			*			
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium marie-lebouriae</i> (Paulsen) Balech, 1974		614620	<i>Protoperidinium marie-lebourae</i> (Paulsen) Balech, 1974					*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium mediterraneum</i> (Kofoid) Balech, 1974		110232	<i>Protoperidinium longicollum</i> Pavillard, 1916					*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium mite</i> (Pavillard) Balech, 1974		110234	<i>Peridinium granii f. mite</i> (Pavillard) Schiller, 1937 <i>Peridinium mite</i> Pavillard, 1916			*			
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium monospinum</i> (Paulsen) K.A.F.Zonneveld & B.Dale, 1994		110235	<i>Peridinium monospinum</i> Paulsen, 1907 <i>Protoperidinium constricta</i> Abé <i>Protoperidinium constrictum</i> (Abé, 1936) Balech, 1974						
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium monovelum</i> (Abé) Balech, 1974		233123	<i>Peridinium monovelum</i> Abé, 1936			*			
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium nudum</i> (Meunier) Balech, 1974		110237	<i>Peridinium nudum</i> Meunier						
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium oblongum</i> (Aurivillius) Parke & Dodge, 1976		110238	<i>Peridinium oblongum</i> (Aurivillius) Cleve, 1900					*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium obtusum</i> (Karsten) Parke & Dodge, 1976		110239	<i>Peridinium obtusum</i> Karsten, 1906 <i>Peridinium obtusum</i> (Karsten) Lebour, 1925						
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium oceanicum</i> (VanHöffen, 1897) Balech, 1974		110240	<i>Peridinium oceanicum</i> Vanhöffen, 1897	*				*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium ovatum</i> Pouchet, 1883		110241	<i>Peridinium ovatum</i> (Pouchet) Schütt, 1895 <i>Protoperidinium lenticulatum</i> Fauré-Fremiet, 1908 (synonym)						
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium ovum</i> (Schiller) Balech, 1974		110243	<i>Protoperidinium ellipsoides</i> P. Dangeard, 1927 <i>Protoperidinium ellipsoideum</i> P. Dangeard, 1927 <i>Protoperidinium nipponicum</i> (Abé, 1927) Balech, 1974					*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium pallidum</i> (Ostenfeld, 1899) Balech, 1973		110244	<i>Peridinium pallidum</i> Ostenfeld, 1899	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium parthenopes</i> A.Zingone & M.Montresor, 1988		233050							
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium pedunculatum</i> (Schütt) Balech, 1974		233244	<i>Peridinium pedunculatum</i> F.Schütt, 1895					*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium pellucidum</i> Bergh, 1882		110245	<i>Peridinium pellucidum</i> (Bergh) Schütt, 1895	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium pentagonum</i> (Gran, 1902) Balech, 1974		110247	<i>Peridinium pentagonum</i> Gran, 1902 <i>Protoperidinium expansum</i> Abé, 1981	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium ponticum</i> Vershinin & Morton, 2005		389692							



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Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium punctulatum</i> (Paulsen) Balech, 1974		110248	<i>Peridinium punctulatum</i> Paulsen, 1907					*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium pyriforme</i> (Paulsen, 1907) Balech, 1974		110249	<i>Peridinium pyriforme</i> Paulsen, 1907	*				*	
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium quarnerense</i> (Schröder, 1900) Balech, 1974		110250		*					
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium robustum</i> (Meunier, 1910) Hernández-Becerril, 1991		232974		*		*			
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium roseum</i> (Paulsen) Balech, 1974		232968	<i>Peridinium roseum</i> Paulsen, 1904						
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium sinaicum</i> (Matzenauer) Balech, 1974		232948							
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium solidicorne</i> (Mangin, 1922) Balech, 1974		232935	<i>Protoperidinium spiniferum</i> (Schiller, 1937) Balech, 1974 <i>Protoperidinium spinosum</i> Schiller, 1937 (synonymy)	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium Bergh, 1881 emend. Balech, 1974	<i>Protoperidinium steinii</i> (Jørgensen, 1899) Balech, 1974		110257	<i>Protoperidinium michaelis</i> Stein, 1883	*		*		*	
Peridinales	Protoperidiniaceae	Protoperidinium Bergh, 1881 emend. Balech, 1974	<i>Protoperidinium subinerme</i> (Paulsen, 1904) Loeblich III, 1969		110259	<i>Peridinium subinerme</i> Paulsen, 1908	*				*	
Peridinales	Protoperidiniaceae	Protoperidinium Bergh, 1881 emend. Balech, 1974	<i>Protoperidinium subinerme</i> var. <i>punctulatum</i> Schiller, 1937		597656							
Peridinales	Protoperidiniaceae	Protoperidinium Bergh, 1881 emend. Balech, 1974	<i>Protoperidinium subpyriforme</i> (P. Dangeard, 1927) Balech, 1974		232894		*					
Peridinales	Protoperidiniaceae	Protoperidinium Bergh, 1881 emend. Balech, 1974	<i>Protoperidinium tenuissimum</i> (Kofoid, 1907) Balech, 1974		232882	<i>Protoperidinium crassiformis</i> Abé, 1981	*					
Peridinales	Protoperidiniaceae	Protoperidinium Bergh, 1881 emend. Balech, 1974	<i>Protoperidinium thorianum</i> (Paulsen) Balech, 1974		110260	<i>Peridinium thorianum</i> Paulsen, 1905						
Peridinales	Protoperidiniaceae	Protoperidinium Bergh, 1881 emend. Balech, 1974	<i>Protoperidinium tuba</i> (Schiller) Balech, 1974		232824	<i>Peridinium tuba</i> Schiller, 1935						
Peridinales	Protoperidiniaceae	Protoperidinium	<i>Protoperidinium ventrale</i> (Abé) Balech, 1974		232806							
Peridinales	Protoperidiniaceae	Protoperidinium Bergh, 1881 emend. Balech, 1974	<i>Protoperidinium venustum</i> (Matzenauer) Balech, 1974		232777							
Peridinales	Protoperidiniaceae	Protoperidinium Bergh, 1881 emend. Balech, 1974	<i>Protoperidinium verrucosum</i> (Meunier) Balech, 1974		232773							
Peridinales	Protoperidiniaceae	Protoperidinium		Protoperidinium aciculiferum Lem			*					
Peridinales	Protoperidiniaceae	Protoperidinium		Protoperidinium knipovitchii Ussatschew			*					

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Peridinales	Protoperidiniaceae	Protoperidinium		Protoperidinium leonis var. concavilaterale (Kiselev) Krachmalny								
Peridinales	Protoperidiniaceae	Protoperidinium		<i>Protoperidinium pyrophyrum</i> Pouchet								
Peridinales	Protoperidiniaceae	Protoperidinium Bergh, 1881 emend. Balech, 1974	<i>Protoperidinium sp.</i>		109553		*					
Peridinales				<i>Peridinee chisti</i>					*			
Peridinales				<i>Peridinee stadii vegetative</i>					*			
Prorocentrales	Prorocentraceae	Mesoporos	<i>Mesoporos perforatus</i> (Gran) Lillick, 1937		232516	<i>Exuviaella perforata</i> Gran, 1915 <i>Mesoporos asymmetricum</i> (Schiller) Lillick <i>Mesoporos globulus</i> (Schiller) Lillick <i>Porella adriatica</i> Schiller, 1928 <i>Porella asymmetrica</i> Schiller, 1933 <i>Porella bisimpresa</i> Schiller, 1928 <i>Porella globulus</i> Schiller, 1928 <i>Porella perforata</i> Schiller, 1928					*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum antarcticum</i> (Hada) Balech, 1975		232500							
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum aporum</i> (Schiller) Dodge, 1975		110291	<i>Exuviaella apora</i> Schiller, 1918					*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum balticum</i> (Lohmann, 1908) Loeblich, 1970 [Krachmalny & Terenko, (2002)]		110293	<i>Prorocentrum pomoideum</i> Bursa, 1959 <i>Exuviaella baltica</i> Lohmann, 1908	*		*		*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum cordatum</i> (Ostf.)Dodge.		232376	<i>Prorocentrum minimum</i> , Gómez, 2005 <i>Prorocentrum cordiformis</i> Bursa, 1959 <i>Prorocentrum triangulatum</i> Martin, 1929	*		*		*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum cordatum</i> var. aralensis Kiss.						*		*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum cornutum</i> Schiller		110296							
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum dentatum</i> Stein, 1883		110298	<i>Prorocentrum monacense</i> Kufferath, 1957 <i>Prorocentrum obtusidens</i> Schiller, 1928 <i>Prorocentrum veloi</i> Osorio-Tafall, 1942					*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum gracile</i> Schütt, 1895		110300	<i>Prorocentrum diamantinae</i> Wood, 1963 <i>Prorocentrum hentscheli</i> Schiller, 1933	*				*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum lima</i> (Ehrenberg, 1860) Stein, 1975		110301	<i>Exuviaella lima</i> (Ehrenberg) Bütschli, 1885 <i>Prorocentrum arenarium</i> M.A.Faust, 1994 <i>Prorocentrum marinum</i> Dodge et Bibby, 1973 <i>Exuviaella marina</i> Cienkowski, 1881	*		*		*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum maximum</i> (Gourret) Schiller, 1937		110302	<i>Prorocentrum brochii</i> Schiller, 1918					*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum mexicanum</i> Osorio-Tafall, 1942		231885							

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Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum micans</i> Ehrenberg, 1833		110303	<i>Prorocentrum gibbosum</i> (Schiller, 1929) Schiller, 1933 <i>Prorocentrum levantoides</i> Bursa, 1959 <i>Prorocentrum pacificum</i> Wood, 1963 <i>Prorocentrum schilleri</i> Böhm in Schiller, 1933	*		*		*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum nanum</i> J.Schiller, 1918		110305	<i>Prorocentrum pusillum</i> (Schiller) Dodge & Bibby, 1973					*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum oblongum</i> (Schiller) Abé		110306							
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum obtusum</i> Ostenfeld, 1908		232348		*		*		*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum ponticus</i> Krachmalny & Terenko, 2002		232339							
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum pyriforme</i> (Schiller) Taylor		110309						*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum reticulatum</i> M.A.Faust, 1997		232323						*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum rostratum</i> Stein, 1883		110311	<i>Prorocentrum styliferum</i> Lohmann <i>Prorocentrum tenue</i> Lohmann						
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum rotundatum</i> Schiller, 1928		110312						*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum scutellum</i> Schröder, 1900		110314	<i>Prorocentrum robustum</i> Osorio-Tafall, 1942 <i>Prorocentrum sphaeroideum</i> Schiller, 1928			*		*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum triestinum</i> Schiller, 1918		110316	<i>Prorocentrum pyrenoideum</i> Bursa, 1959	*				*	
Prorocentrales	Prorocentraceae	Prorocentrum	<i>Prorocentrum vaginula</i> (Stein) Dodge, 1975		232300							
Prorocentrales	Prorocentraceae	Prorocentrum		<i>Prorocentrum asymmetrica</i> (Wisłouch) Krachmalny (Kiselev, 1950, Komakhidze, A. & N. Mazmanidi, 1998)								
Prorocentrales	Prorocentraceae	Prorocentrum		<i>Prorocentrum caspicum</i> Kiss.					*		*	
Prorocentrales	Prorocentraceae	Prorocentrum		<i>Prorocentrum macrurus</i> Athanass.								
Prorocentrales	Prorocentraceae	Prorocentrum		<i>Prorocentrum micans</i> var. <i>micans</i> f. <i>duplex</i> Krachmalny & Terenko (Krachmalny & Terenko, 2002)								
Prorocentrales	Prorocentraceae	Prorocentrum		<i>Prorocentrum micans</i> var. <i>micans</i> f. <i>micans</i> Ehrenberg								
Prorocentrales	Prorocentraceae	Prorocentrum		<i>Prorocentrum ovale</i> J.Schiller								
Prorocentrales	Prorocentraceae	Prorocentrum		<i>Prorocentrum ovalis</i> Rampi								
Prorocentrales	Prorocentraceae	Prorocentrum		<i>Prorocentrum rampii</i> Sournia								
Prorocentrales	Prorocentraceae	Exuviaella		<i>Exuviaella aequatorialis</i> Hasle								
Prorocentrales	Prorocentraceae	Exuviaella		<i>Exuviaella asymetrica</i> Wisłouch								
protozoa	protozoa	Hemistasia Griessmann, 1913	<i>Hemistasia</i> sp.		146165	<i>Cryptaulax</i> sp.	*					

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protozoa	protozoa	Hermesinium	<i>Hermesinium adriaticum</i> O.Zacharias, 1906 †		573880							
Pyrocystales	Pyrocystaceae	Dissodinium	<i>Dissodinium fusiformis</i> (J.Murray) Matzenauer		232267							
Pyrocystales	Pyrocystaceae	Dissodinium		<i>Dissodium lenticulum</i> (Bergh) Loeblich III								
Pyrocystales	Pyrocystaceae	Pyrocystis	<i>Pyrocystis elegans</i> Pavillard, 1931		110327						*	
Pyrocystales	Pyrocystaceae	Pyrocystis	<i>Pyrocystis fusiformis</i> (Wyville-Thomson ex Haeckel) Blackman, 1902		110328	Murracystis fusiformis Wyville Thomson in J. Murray, 1885 ex Haeckel, 1890					*	
Pyrocystales	Pyrocystaceae	Pyrocystis	<i>Pyrocystis hamulus</i> Cleve, 1900		232259							
Pyrocystales	Pyrocystaceae	Pyrocystis	<i>Pyrocystis lunula</i> (J.Schütt) J.Schütt, 1896		164053	<i>Diplodinium lunula</i> (Schütt) Klebs, 1912 <i>Dissodinium lunula</i> (Schütt) Klebs, 1916 <i>Gymnodinium lunula</i> Schütt, 1895					*	
Pyrocystales	Pyrocystaceae	Pyrocystis	<i>Pyrocystis noctiluca</i> Murray ex Haeckel, 1890		110332	<i>Dissodinium pseudolunula</i> Swift ex Elbrächter & Drebes, 1978 <i>Pyrocystis pseudonoctiluca</i> Wyville-Thompson, 1876						
Suessiales	Symbiodiniaceae	Prosoaulax	<i>Prosoaulax lacustris</i> (F.Stein) Calado & Moestrup, 2005		503329	<i>Amphidinium elenkinii</i> Skvortzov, 1925 <i>Amphidinium gyrium</i> T.M.Harris, 1940 <i>Amphidinium hyalinum</i> Entz, 1930 <i>Amphidinium lacustre</i> F.Stein, 1883 <i>Amphidinium lacustriforme</i> Schiller, 1928 <i>Amphidinium larvale</i> Lindemann, 1928 <i>Amphidinium schroderi</i> Schiller, 1928 <i>Amphidinium tatrae</i> Woloszynska, 1936 <i>Amphidinium turicense</i> Huber-Pestalozzi, 1950					*	
Suessiales	Symbiodiniaceae	Prosoaulax	<i>Prosoaulax multiplex</i> (J.Schiller) Calado & Moestrup, 2005		547541	<i>Amphidinium lohammarii</i> Skuja, 1956						
Suessiales	Borghiellaceae	Borghiella	<i>Borghiella tenuissima</i> (Lauterborn) Moestrup, Gert Hansen & Daugberg, 2008		503084	<i>Gymnodinium tenuissimum</i> Lauterborn, 1894 <i>Woloszynskia tenuissima</i> (Lauterborn) R.H.Thompson, 1950					*	
<b>Pymnesiophyceae</b>												
Syracosphaerales	Rhabdosphaeraceae	Acanthoica	<i>Acanthoica monospina</i> Schiller, 1914		575717				*			
Syracosphaerales	Rhabdosphaeraceae	Acanthoica	<i>Acanthoica quattropina</i> Lohman, 1903		235802	<i>Acanthoica acanthifera</i> Lohman, 1912	*		*		*	
Syracosphaerales	Rhabdosphaeraceae	Acanthoica	<i>Acanthoica</i> sp.		115083		*					
Syracosphaerales	Rhabdosphaeraceae	Algirosphaera	<i>Algirosphaera quadricornu</i> (Schiller, 1914) Norris, 1984		115093	<i>Syracosphaera quadricornu</i> Schiller, 1925 <i>Anthosphaera quadricornu</i> (J.Schiller) Halldal & Markali, 1955	*					
Syracosphaerales	Rhabdosphaeraceae	Anacanthoica	<i>Anacanthoica acanthos</i> (Schiller) Deflandre, 1952		555886	<i>Acanthoica acanthos</i> Schiller, 1925	*		*			
Coccosphaerales	Braarudosphaeraceae	Braarudosphaera	<i>Braarudosphaera bigelowii</i> (Gran & Braarud) Deflandre, 1947		235922		*					

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Coccolithales	Calcidiscaceae	Calcidiscus	<i>Calcidiscus leptoporus</i> (Murray & Blackman, 1898) Loeblich & Tappan, 1978		235923	<i>Coccolithophora leptopora</i> (Murray & Blackman) Lohmann, 1902 <i>Coccolithus leptoporus</i> (Murray & Blackman) Schiller, 1930 <i>Coccosphaera leptopora</i> G.Murray & V.H.Blackman, 1898 <i>Cyclococcolithus leptoporus</i> (Murray & Blackman) Kamptner, 1954	*					
Syracosphaerales	Calciosoleniaceae	Calciosolenia Gran, 1912	<i>Calciosolenia</i> sp.		235851		*					
Coccosphaerales	Calyptosphaeraceae	Calyptosphaera	<i>Calyptosphaera globosa</i> Lohman, 1902		235867		*				*	
Coccosphaerales	Calyptosphaeraceae	Calyptosphaera	<i>Calyptosphaera oblonga</i> Lohman, 1902		235866				*		*	
Coccosphaerales	Calyptosphaeraceae	Calyptosphaera	<i>Calyptosphaera sphaeroidea</i> Schiller, 1913		235868		*				*	
Prymnesiales	Chrysochromulinaceae	Chrysochromulina Lackey, 1939	<i>Chrysochromulina polylepis</i> Manton & Parke, 1962		115127	<i>Prymnesium polylepis</i> (Manton & Parke) Edvardsen, Eikrem & Probert, 2011	*					
Prymnesiales	Chrysochromulinaceae	Chrysochromulina Lackey, 1939	<i>Chrysochromulina</i> sp.		115090		*		*			
Coccolithales	Coccolithacea	Coccolithus Schwarz, 1894	<i>Coccolithus pelagicus</i> (Wallich, 1877) Schiller, 1930		178600	<i>Coccosphaera pelagica</i> Wallich, 1877	*				*	
Coccolithales	Coccolithacea	Coccolithus Schwarz, 1894	<i>Coccolithus</i> sp.		178598		*					
Syracosphaerales	Syracosphaeraceae	Coronosphaera	<i>Coronosphaera mediterranea</i> (Lohmann, 1902) Gaarder, 1977		236048	<i>Syracosphaera mediterranea</i> Lohmann, 1902 <i>Syracosphaera pulchroides</i> Halldal & Markali, 1955 <i>Syracosphaera tuberculata</i> Kamptner, 1937			*		*	
Chromulinales	Dinobryaceae	Dinobryon	<i>Dinobryon divergens</i> O.E.Imhof, 1887		157248						*	
Chromulinales	Dinobryaceae	Dinobryon	<i>Dinobryon pellucidum</i> Lev.		390666				*			
Chromulinales	Dinobryaceae	Dinobryon	<i>Dinobryon sertularia</i> Ehrenberg, 1838		157252				*			
Syracosphaerales	Rhabdosphaeraceae	Discosphaera Haeckel, 1894	<i>Discosphaera tubifer</i> (Murray & Blackman) Ostenfeld, 1900		615464		*				*	
Ebriales	Ebriaceae	Ebria (Protozoa incertae sedis)	<i>Ebria tripartita</i> (Shumann) Lemmermann, 1899		118051				*		*	
Isochrysidales	Noelaerhabdaceae	Emiliania	<i>Emiliania huxleyi</i> (Lohmann) Hay & Mohler, 1967		115104	<i>Coccolithus huxleyi</i> (Lohmann, 1902) Kamptner, 1943 <i>Gephyrocapsa huxleyi</i> (Lohmann, 1902) Reinhart, 1972 <i>Hymenomonas huxleyi</i> (Lohmann, 1902) Kamptner, 1930 <i>Pontosphaera huxleyi</i> Lohmann, 1902	*		*		*	
Coccosphaerales	Calyptosphaeraceae	Helladosphaera	<i>Helladosphaera cornifera</i> (Schiller, 1913) Kamptner, 1937		235898	<i>Syracosphaera cornifera</i> Schiller, 1913	*				*	
Ebriales	Ebriopsidaceae	Hermesinum	<i>Hermesinum adriaticum</i> O.Zacharias, 1906 †		573880				*		*	

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Coccolithales	Calcidiscaceae	Oolithotus	<i>Oolithotus fragilis</i> (Lohmann, 1912) Reinhardt, 1972		236067	<i>Coccolithophora fragilis</i> Lohmann, 1912 <i>Coccolithus fragilis</i> (Lohmann) Schiller, 1930 <i>Cyclococcolithus fragilis</i> (Lohmann) Deflandre, 1954			*		*	
Coccosphaerales	Calyptrosphaeraceae	Periphylophora	<i>Periphylophora mirabilis</i> (Schiller) Kamptner, 1937		235877	<i>Calyptrosphaera mirabilis</i> Schiller, 1925 (Basionym)					*	
Phaeocystales	Phaeocystaceae	Phaeocystis	<i>Phaeocystis globosa</i> Scherffel, 1899		160538						*	
Phaeocystales	Phaeocystaceae	Phaeocystis	<i>Phaeocystis pouchetii</i> (M.P. Hariot, 1892) G. Lagerheim, 1896		115106	<i>Tetraspora poucheti</i> M.P. Hariot in M.G. Pouchet, 1892	*				*	
Zygodiscales	Pontosphaeraceae	Pontosphaera Lohmann, emend. Burns, 1973	<i>Pontosphaera borealis</i> Ostenfeld		163138		*					
Zygodiscales	Pontosphaeraceae	Pontosphaera Lohmann, emend. Burns, 1973	<i>Pontosphaera nigra</i> (Schiller) Schiller		576677		*		*		*	
Prymniales	Prymnesiaceae	Prymnesium	<i>Prymnesium parvum</i> N. Carter, 1937		160564		*				*	
Prymniales	Prymnesiaceae	Prymnesium	<i>Prymnesium saltans</i> J.Massart ex Conrad, 1926		573960						*	
Syracosphaerales	Rhabdosphaeraceae	Rhabdosphaera	<i>Rhabdosphaera claviger</i> Murray & Blackman, 1898		235972	<i>Rhabdosphaera stylifera</i> Lohmann sensu Gaarder & Hasle, 1971	*		*			
Syracosphaerales	Rhabdosphaeraceae	Rhabdosphaera	<i>Rhabdosphaera hispida</i> Lohm.		576683				*		*	
Syracosphaerales	Rhabdosphaeraceae	Rhabdosphaera	<i>Rhabdosphaera longistylis</i> Schiller, 1925		235973		*		*		*	
Syracosphaerales	Rhabdosphaeraceae	Rhabdosphaera	<i>Rhabdosphaera tubolosa</i> Schill.		576685				*			
Syracosphaerales	Syracosphaeraceae	Syracosphaera	<i>Syracosphaera cordiformis</i> Schiller, 1913		590454				*			
Syracosphaerales	Syracosphaeraceae	Syracosphaera	<i>Syracosphaera histrica</i> Kamptner, 1941		235976		*					
Syracosphaerales	Syracosphaeraceae	Syracosphaera Lohmann, 1902	<i>Syracosphaera</i> sp.		115084		*					
Coccosphaerales	Calyptrosphaeraceae	Calyptrosphaera		<i>Calyptrosphaera incisa</i> Schill.							*	
Coccosphaerales	Calyptrosphaeraceae	Sphaerocalyptra		<i>Sphaerocalyptra</i> <i>quadridentata</i> (Schiller) Deflandre 1952							*	
Synurales	Mallomonadaceae	Mallomonas		<i>Mallomonas</i> sp.					*			
Zygodiscales	Pontosphaeraceae	Pontosphaera Lohmann, emend. Burns, 1973	<i>Pontosphaera</i> sp.		115082		*					
Zygodiscales	Pontosphaeraceae	Pontosphaera Lohmann, emend. Burns, 1973		<i>Pontosphaera hartmanni</i> Lohm. Sau Schill.					*			
Syracosphaerales	Syracosphaeraceae	Syracosphaera		<i>Syracosphaera grundii</i> Schiller							*	
Syracosphaerales	Syracosphaeraceae	Syracosphaera		<i>Syracosphaera coronata</i> Schiller							*	
Syracosphaerales	Syracosphaeraceae	Syracosphaera		<i>Syracosphaera spinosa</i> Lohmann							*	

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Chlorophyceae												
Volvocales	Haematococcaceae	Chlorogonium Ehrenberg, 1836	<i>Chlorogonium euchlorum</i> (Ehrenberg) Ehrenberg		178734	<i>Chlorogonium elongatum</i> Dangeard <i>Chlorogonium fusiforme</i> Matvienko, 1938	*					
Chlorellales	Chlorellaceae	Actinastrum	<i>Actinastrum hantzschii</i> Lagerheim, 1882		160543				*		*	
Chlorellales	Chlorellaceae	Actinastrum Lagerheim, 1882	<i>Actinastrum</i> sp.		160542		*					
Chlorococcales	Characiaceae	Ankyra Fott, 1957	<i>Ankira</i> sp.		572079				*			
Sphaeropleales	Selenastraceae	Ankistrodesmus Corda, 1838	<i>Ankistrodesmus falcatus</i> (Corda) Ralfs		163490	<i>Micrasterias falcatus</i> Corda	*		*		*	
Sphaeropleales	Selenastraceae	Ankistrodesmus Corda, 1838	<i>Ankistrodesmus gracilis</i> (Reinsch) Korshikov, 1953		579766	<i>Selenastrum westii</i> G.M.Smith, 1920			*			
Sphaeropleales	Selenastraceae	Ankistrodesmus Corda, 1838	<i>Ankistrodesmus hantschii</i> (Hindák) Ergashev		163489		*					
Volvocales	Chlamydomonadaceae	Carteria Diesing, 1866	<i>Carteria marina</i> Diesing 1866		248106						*	
Volvocales	Chlamydomonadaceae	Carteria Diesing, 1866	<i>Carteria</i> sp.		367250		*		*			
Volvocales	Chlamydomonadaceae	Chlamydomonas	<i>Chlamydomonas</i> Ehrenberg, 1833		178583				*			
Volvocales	Chlamydomonadaceae	Chlamydomonas	<i>Chlamydomonas pulsatilla</i> H.W.Wollenweber 1926		428608						*	
Chlorellales	Chlorellaceae	Chlorella	<i>Chlorella</i> M.Beijerinck, 1890		160576				*			
Volvocales	Haematococcaceae	Chlorogonium	<i>Chlorogonium</i> Ehrenberg, 1837		178734				*			
Chlorellales	Chlorellaceae	Closteriopsis	<i>Closteriopsis acicularis</i> (Chodat) J.H.Belcher & Swale, 1962		575749						*	
Zygnematales	Closteriaceae	Closterium	<i>Closterium aciculare</i> T.West, 1860		572006						*	
Zygnematales	Closteriaceae	Closterium	<i>Closterium acutum</i> (Lyngb.) Breb.		254439				*		*	
Zygnematales	Closteriaceae	Closterium	<i>Closterium diana</i> Ehrenberg ex Ralfs, 1848		577663						*	
Zygnematales	Closteriaceae	Closterium	<i>Closterium juncidum</i> Ralfs 1848		616457	<i>Closterium juncidum</i> f. brevior Rabenhorst, 1868 <i>Closterium juncidum</i> f. robustius (Lobik) A.J.Brook & D.B.Williamson, 2010 <i>Closterium juncidum</i> var. brevius (Rabenhorst) J.Roy, 1890 <i>Closterium juncidum</i> var. robustius Lobik, 1915 <i>Closterium lusitanicum</i> G.A.S.F.Sampaio, 1920					*	
Zygnematales	Closteriaceae	Closterium	<i>Closterium moniliferum</i> Ehrenberg ex Ralfs, 1848		577666				*			
Zygnematales	Closteriaceae	Closterium	<i>Closterium</i> Nitzsch ex Ralfs, 1848		162725				*			
Zygnematales	Closteriaceae	Closterium	<i>Closterium parvulum</i> Nägeli, 1849		162727				*			
Zygnematales	Closteriaceae	Closterium	<i>Closterium praelongum</i> Brébisson 1856		608748	<i>Closterium praelongum</i> var. porosum (Gutwinski) Krieger, 1935					*	
Zygnematales	Closteriaceae	Closterium	<i>Closterium pronum</i> Brébisson, 1856		431957				*			
Sphaeropleales	Scenedesmaceae	Coelastrum	<i>Coelastrum microporum</i> Nägeli in A. Braun, 1855		163975				*			
Sphaeropleales	Scenedesmaceae	Coelastrum	<i>Coelastrum sphaericum</i> Nägeli, 1849		164063				*			

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Chlorococcales	Radiococaceae	Coenochloris	<i>Coenochloris fottii</i> (Hindák) Tsarenko, 1990		576226	Coenococcus fottii Hindák Eutetramorus fottii (Hindák) Komárek					*	
Zygnematales	Desmidiaceae	Cosmarium	Cosmarium affine Raciborski		608769						*	
Zygnematales	Desmidiaceae	Cosmarium	Cosmarium Corda ex Ralfs, 1848		478557				*			
Trebouxiophyceae ordo incertae sedis	Trebouxiophyceae incertae sedis	Crucigenia	<i>Crucigenia fenestrata</i> (Schmidle) Schmidle, 1900		558759				*			
Trebouxiophyceae ordo incertae sedis	Trebouxiophyceae incertae sedis	Crucigenia	<i>Crucigenia lauterbornii</i> (Schmidle) Schmidle, 1900		576234				*			
Trebouxiophyceae ordo incertae sedis	Trebouxiophyceae incertae sedis	Crucigenia	<i>Crucigenia</i> Morren, 1830		178617				*			
Trebouxiophyceae ordo incertae sedis	Trebouxiophyceae incertae sedis	Crucigenia Morren, 1850	<i>Crucigenia</i> sp.		178617		*					
Trebouxiophyceae ordo incertae sedis	Trebouxiophyceae incertae sedis	Crucigenia	<i>Crucigenia tetrapedia</i> (Kirchn.)W. et G.S. West, 1902		178619	<i>Lemmermannia emarginata</i> (Schröder) Chodat, 1900 <i>Staurigenia tetrapedia</i> Kirchner, 1880 <i>Tetrapedia emarginata</i> Schröder, 1897			*			
Oocystales	Oocystaceae	Crucigeniella	<i>Crucigeniella rectangularis</i> (Nägeli) Komárek, 1974		447750	<i>Crucigenia rectangularis</i> (Nägeli) Gay, 1891			*			
Sphaeropleales	Scenedesmaceae	Desmodesmus	<i>Desmodesmus armatus</i> (R.Chodat) E.Hegewald, 2000		162929	<i>Scenedesmus armatus</i> (R. Chodat) R. Chodat, 1913	*				*	
Sphaeropleales	Scenedesmaceae	Desmodesmus	<i>Desmodesmus communis</i> (E.H.Hegewald) E.H.Hegewald		576237	<i>Scenedesmus quadricauda</i> Chodat <i>Scenedesmus communis</i> E.Hegewald, 1977	*		*		*	
Sphaeropleales	Scenedesmaceae	Desmodesmus	<i>Desmodesmus denticulatus</i> (Lagerheim) S.S.An, T.Friedl & E.Hegewald		612501	<i>Scenedesmus denticulatus</i> Lagerheim, 1882			*		*	
Sphaeropleales	Scenedesmaceae	Desmodesmus	<i>Desmodesmus dispar</i> (Brébisson) E.H.Hegewald		612502	<i>Scenedesmus dispar</i> Brébisson, 1868			*			
Sphaeropleales	Scenedesmaceae	Desmodesmus	<i>Desmodesmus intermedius</i> (Chodat) E.H.Hegewald		612504	<i>Scenedesmus intermedius</i> Chodat, 1926			*			
Sphaeropleales	Scenedesmaceae	Desmodesmus	<i>Desmodesmus opoliensis</i> (P.G.Richter) E.H.Hegewald		612508	<i>Scenedesmus opoliensis</i> P.G.Richter, 1897			*			
Sphaeropleales	Scenedesmaceae	Desmodesmus	<i>Desmodesmus spinosus</i> (Chodat) E.Hegewald		612514	<i>Scenedesmus spinosus</i> Chodat			*			
Chlorellales	Chlorellaceae	Dictyosphaerium	<i>Dictyosphaerium ehrenbergianum</i> Nägeli, 1849		178625				*			
Chlorellales	Chlorellaceae	Dictyosphaerium	<i>Dictyosphaerium pulchellum</i> H.C. Wood, 1873	unaccepted (synonym) In quarantine	178933				*			
Volvocales	Dunaliellaceae	Dunaliella	<i>Dunaliella salina</i> (Dunal) Teodoresco, 1905		178972	Haematococcus salinus Dunal, 1837	*					
Volvocales	Dunaliellaceae	Dunaliella	<i>Dunaliella tertiolecta</i> Butcher 1959		178590						*	
Sphaeropleales	Scenedesmaceae	Enallax	<i>Enallax acutiformis</i> (B.Schröder) F.Hindák, 1990		576689	<i>Scenedesmus acutiformis</i> Schröder, 1897 (synonym)					*	
Zygnematales	Desmidiaceae	Euastrum	<i>Euastrum</i> Ehrenberg ex Ralfs, 1848		577667				*			
Volvocales	Volvocaceae	Eudorina	<i>Eudorina elegans</i> Ehrenberg, 1832		390665				*			
Sphaeropleales	Neochloridaceae	Golenkinia	<i>Golenkinia</i> Chodat, 1894		164093				*			
Sphaeropleales	Neochloridaceae	Golenkinia	<i>Golenkinia radiata</i> Chodat, 1894		164095				*			
Volvocales	Goniaceae	Gonium	<i>Gonium pectorale</i> O.F.Müller, 1773		577672				*			
Halosphaerales	Pterospermataceae	Hexasterias	<i>Hexasterias problematica</i> Cleve, 1900		172815	<i>Polyasterias problematica</i> Meunier, 1910			*			



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Sphaeropleales	Selenastraceae	Hyaloraphidium	<i>Hyaloraphidium contortum</i> var. <i>tenuissimum</i> Korshikov		673971				*			
Sphaeropleales	Selenastraceae	Kirchneriella	<i>Kirchneriella lunaris</i> (Kirchner) K. Möbius, 1894		164075	<i>Kirchneriella lunata</i> Schmidle, 1893			*			
Sphaeropleales	Selenastraceae	Kirchneriella	<i>Kirchneriella obesa</i> (West) West & G.S.West, 1894		164070	<i>Kirchneriella intermedia</i> Korshikov, 1953 <i>Selenastrum obesum</i> W.West, 1892			*			
Sphaeropleales	Selenastraceae	Kirchneriella Schmidle, 1893	<i>Kirchneriella</i> sp.		163108		*					
Oocystales	Oocystacea	Lagerheimia	<i>Lagerheimia ciliata</i> (Lagerheim) Chodat, 1895		572054	<i>Chodatella ciliata</i> (Lagerheim) Lemmermann <i>Oocystis ciliata</i> Lagerheim, 1882			*			
Oocystales	Oocystacea	Lagerheimia	<i>Lagerheimia genevensis</i> (Chodat) Chodat, 1895		178610	<i>Chodatella quadriseta</i> Lemmermann <i>Lagerheimia quadriseta</i> (Lemmermann) G.M.Smith, 1926 <i>Lagerheimiella genevensis</i> Chodat			*		*	
Oocystales	Oocystacea	Lagerheimia	<i>Lagerheimia longiseta</i> (Lemmermann) Printz, 1914		555799	<i>Chodatella longiseta</i> Lemmermann, 1898 <i>Lagerheimia citrififormis</i> (Snow) G.M.Smith, 1920			*			
Chlorellales	Chlorellaceae	Micractinium	<i>Micractinium pusillum</i> Fresenius, 1858		163479				*			
Mamiellales	Mamiellaceae	Micromonas	<i>Micromonas pusilla</i> (Butcher) Manton & Parke		134564	<i>Chromulina pusilla</i> Butcher, 1952	*					
Sphaeropleales	Selenastraceae	Monoraphidium Komárková-Legnerová, 1969	<i>Monoraphidium arcuatum</i> (Korshikov) Hindák, 1970		160590	<i>Ankistrodesmus arcuatus</i> Korshikov	*		*			
Sphaeropleales	Selenastraceae	Monoraphidium Komárková-Legnerová, 1969	<i>Monoraphidium contortum</i> (Thuret) Komárková-Legnerová, 1969		160591		*					
Sphaeropleales	Selenastraceae	Monoraphidium Komárková-Legnerová, 1969	<i>Monoraphidium convolutum</i> (Corda) Komárková-Legnerová, 1969		160592	<i>Ankistrodesmus convolutus</i> Corda, 1838	*		*			
Sphaeropleales	Selenastraceae	Monoraphidium Komárková-Legnerová, 1969	<i>Monoraphidium griffithii</i> (Berkeley) Komárková-Legnerová, 1969		248134	<i>Ankistrodesmus acicularis</i> (Braun) Korshikov, 1953 <i>Ankistrodesmus falcatus</i> var. <i>acicularis</i> (A.Braun) G.S.West <i>Closterium griffithii</i> Berkeley, 1854			*			
Sphaeropleales	Selenastraceae	Monoraphidium Komárková-Legnerová, 1969	<i>Monoraphidium irregulare</i> (G.M.Smith) Komárková-Legnerová		576274	<i>Dactylococcopsis irregularis</i> G.M.Smith			*			
Oocystales	Oocystacea	Nephrocytium	<i>Nephrocytium</i> Nägeli, 1849		578354				*			
Nephroselmidales	Nephroselmidaceae	Nephroselmis	<i>Nephroselmis minuta</i> (N.Carter) Butcher, 1959		134540						*	
Volvocales	Chlamydomonadaceae	Oltmannsiella	<i>Oltmannsiella lineata</i> Zimmermann, 1930		495385		*					
Oocystales	Oocystacea	Oocystis	<i>Oocystis borgei</i> J. Snow, 1903		248141				*			
Oocystales	Oocystacea	Oocystis	<i>Oocystis elliptica</i> West, 1892		248142						*	
Oocystales	Oocystacea	Oocystis	<i>Oocystis lacustris</i> Chodat, 1897		178936				*			
Oocystales	Oocystacea	Oocystis	<i>Oocystis parva</i> W. West & G.S. West, 1898		178613				*			

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Oocystales	Oocystacea	Oocystis	<i>Oocystis pelagica</i> Lemm.		248144				*			
Oocystales	Oocystacea	Oocystis	<i>Oocystis solitaria</i> Wittrock in Wittrock & Nordstedt, 1879		178934	<i>Oocystis crassa</i> Wittrock	*		*			
Oocystales	Oocystacea	Oocystis Naegeli Ex A. Braun, 1855	<i>Oocystis</i> sp.		178611		*		*			
Chlorodendrales	Halosphaeraceae	Pachysphaera Ostenfeld in Knudsen et Ostenfeld, 1899	<i>Pachysphaera</i> sp.		160594		*		*			
Chlorodendrales	Halosphaeraceae	Pachysphaera Ostenfeld in Knudsen et Ostenfeld, 1899	<i>Pachysphaera</i> sp.		160594		*					
Volvocales	Volvocaceae	Pandorina	Pandorina morum (O.F.Müller) Bory de Saint-Vincent, 1824		577877	Pandorina mora (O.F. Müller) Bory de Saint-Vincent, 1824 Volvox morum O.F.Müller, 1786 (synonym)					*	
Sphaeropleales	Hydrodictyceae	Pediastrum	<i>Pediastrum boryanum</i> (Turpin) Meneghini, 1840		160562	<i>Pediastrum boryanum</i> var. <i>granulatum</i> (Kützing) A.Braun, 1855	*		*		*	
Sphaeropleales	Hydrodictyceae	Pediastrum	<i>Pediastrum duplex</i> Meyen, 1829		164061	<i>Pediastrum duplex</i> var. <i>clathratum</i> (A. Braun) Lagerheim <i>Pediastrum duplex</i> var. <i>reticulatum</i> Lagerheim, 1882	*		*		*	
Sphaeropleales	Hydrodictyceae	Pediastrum	<i>Pediastrum simplex</i> Meyen, 1829		163483	<i>Pediastrum simplex</i> var. <i>duodenarium</i> (J.W.Bailey) Rabenhorst, 1862 (synonym)					*	
Chlorophyta incertae sedis	Chlorophyta incertae sedis	Poropila	<i>Poropila dubia</i> Schiller, 1925		574226		*					
Prymniales	Prymnesiaceae	Prymnesium	<i>Prymnesium</i> Massart, 1920		160563	<i>Plathychrysis</i> sp.	*					
Chlorococcales	Characiaceae	Pseudoschroederia	<i>Pseudoschroederia robusta</i> (Korshikov) E.Hegewald & E.Schnepf		576679	<i>Schroederia robusta</i> Korshikov, 1953			*			
Eustigmatales	Eustigmataceae	Pseudostaurastrum	<i>Pseudostaurastrum hastatum</i> (Reinsch) Chodat, 1921		178959	<i>Tetraedron hastatum</i> (Reinsch) Hansgirg, 1888			*			
Halosphaerales	Pterospermataceae	Pterosperma	<i>Pterosperma cristatum</i> Schiller, 1925		376081		*		*		*	
Halosphaerales	Pterospermataceae	Pterosperma	<i>Pterosperma joergensenii</i> Schiller		590453		*					
Pyramimonadales	Pyramimonadaceae	Pyramimonas Schmarda, 1849	<i>Pyramimonas adriaticus</i> J.Schiller, 1913		376697	Pyramimonas lunata Inouye, Hori & Chihara					*	
Pyramimonadales	Pyramimonadaceae	Pyramimonas Schmarda, 1849	Pyramimonas plurioculata Butcher, 1959		376701	<i>Pyramimonas orientalis</i> Butcher ex McFadden, Hill & Wetherbee, 1986					*	
Pyramimonadales	Pyramimonadaceae	Pyramimonas Schmarda, 1849	<i>Pyramimonas propulsa</i> Moestrup & Hill 1991		134558						*	
Pyramimonadales	Pyramimonadaceae	Pyramimonas Schmarda, 1849	<i>Pyramimonas</i> sp.		134529		*		*			
Dunaliellales	Raciborskiellaceae	Raciborskiella	<i>Raciborskiella salina</i> S.Wislouch, 1924		615949				*			
Pavlovoles	Pavlovaceae	Rebecca	<i>Rebecca salina</i> (N.Carter) J.C.Green, 2000		573916	<i>Nephrochloris salina</i> N.Carter, 1937 <i>Pavlova mesolychnon</i> J.van der Veer, 1969 <i>Pavlova salina</i> (N.Carter) J.C.Green, 1976	*					

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Xanthophyceae	Rhizochloridales	Rhizochloris Pascher, 1917	<i>Rhizochloris</i> sp.		370154		*					
Sphaeropleales	Scenedesmaceae	Scenedesmus	<i>Scenedesmus acuminatus</i> (Lagerheim) Chodat, 1902		162928	<i>Scenedesmus acuminatus</i> var. <i>minor</i> G.M.Smith, 1916 <i>Scenedesmus bernardii</i> G.M.Smith, 1916 <i>Scenedesmus falcatus</i> Chodat, 1894 (nom illegit.)	*		*			
Sphaeropleales	Scenedesmaceae	Scenedesmus	<i>Scenedesmus bicaudatus</i> Dedusenko		572077	<i>Scenedesmus bicaudatus</i> (Hansgirg) Chodat			*			
Sphaeropleales	Scenedesmaceae	Scenedesmus	<i>Scenedesmus ecornis</i> (Ehr Chodat		248158				*			
Sphaeropleales	Scenedesmaceae	Scenedesmus	<i>Scenedesmus ellipticus</i> Corda, 1835		164077	<i>Scenedesmus bijuga</i> (Turpin) Lagerheim			*		*	
Sphaeropleales	Scenedesmaceae	Scenedesmus	<i>Scenedesmus obliquus</i> (Turpin) Kützing, 1833		164078		*		*			
Chlorococcales	Characiaceae	Schroederia	<i>Schroederia setigera</i> (Schröder) Lemmermann, 1898		248166	<i>Ankistrodesmus setigerus</i> (Schröder) G.S.West	*		*			
Chlorococcales	Characiaceae	Schroederia	<i>Schroederia spiralis</i> (Printz) Korschikov, 1953		578523				*			
Sphaeropleales	Selenastraceae	Selenastrum	<i>Selenastrum bibraianum</i> Reinsch, 1866		577758	<i>Ankistrodesmus bibraianus</i> (Reinsch) Korshikov, 1953			*			
Zygnematales	Desmidiaceae	Staurastrum Meyen ex Ralfs, 1848	<i>Staurastrum furcatum</i> Brébisson, 1856		162728		*					
Zygnematales	Desmidiaceae	Staurastrum Meyen ex Ralfs, 1848	<i>Staurastrum limneticum</i> Schmidle		609182						*	
Zygnematales	Desmidiaceae	Staurastrum	<i>Staurastrum tetracerum</i> Ralfs ex Ralfs, 1848		577905				*			
Sphaeropleales	Hydrodictyceae	Stauridium	<i>Stauridium tetras</i> (Ehrenberg) E. Hegewald, 2005		248146	<i>Pediastrum tetras</i> (Ehr) Ralfs			*			
Chaetophorales	Chaetophoraceae	Stigeoclonium	<i>Stigeoclonium tenue</i> (C.Agardh) Kützing, 1843		422903						*	
Chlorococcales	Dictyosphaeriaceae	Tetracoccus	<i>Tetracoccus</i> West & J.Roy, 1892		600827				*			
Sphaeropleales	Hydrodictyceae	Tetraedron	<i>Tetraedron caudatum</i> (Corda) Hansgirg, 1888		576706				*			
Sphaeropleales	Hydrodictyceae	Tetraedron	<i>Tetraedron minimum</i> (A. Braun) Hansgirg, 1888		178956	<i>Tetraedron minimum</i> var. <i>apiculatoscrobiculatum</i> Skuja, 1956 <i>Tetraedron quadratum</i> (Reinsch) Hansgirg, 1889			*		*	
Sphaeropleales	Hydrodictyceae	Tetraedron	<i>Tetraedron regulare</i> Kützing, 1845		178950				*			
Sphaeropleales	Hydrodictyceae	Tetraedron Kützing, 1845	<i>Tetraedron</i> sp.		178949		*					
Sphaeropleales	Hydrodictyceae	Tetraedron	<i>Tetraedron trigonum</i> (Nägeli) Hansgirg		572088				*			
Chlorodendrales	Chlorodendraceae	Tetraselmis	<i>Tetraselmis cordiformis</i> (N.Carter) Stein, 1878		248171	<i>Carteria cordiformis</i> (Carter) Diesing, 1866 <i>Cryptoglena cordiformis</i> N.Carter, 1858	*				*	
Chlorodendrales	Chlorodendraceae	Tetraselmis von Stein, 1878	<i>Tetraselmis</i> sp.		134526		*					
Sphaeropleales	Scenedesmaceae	Tetrastrum	<i>Tetrastrum elegans</i> Playfair, 1917		608641				*			
Sphaeropleales	Scenedesmaceae	Tetrastrum	<i>Tetrastrum glabrum</i> (Y.V.Roll) Ahlstrom & Tiffany		610932				*			

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Sphaeropleales	Scenedesmaceae	Tetrastrum	<i>Tetrastrum staurogeniaeforme</i> (Schrod.)Lemm., 1900		162935				*			
Chlorococcales	Treubariaceae	Treubaria	<i>Treubaria triappendiculata</i> C.Bernard, 1908		576717	<i>Bernardia tetraedrica</i> Playfair, 1918 <i>Treubaria euryacantha</i> (Schmidle) Korshikov, 1953			*			
Oocystales	Oocystacea	Trochiscia	<i>Trochiscia brachiolata</i> (Möbius) Lemmermann		345886				*			
Oocystales	Oocystacea	Trochiscia	<i>Trochiscia multispinosa</i> (Möbius) Lemmermann		391608				*			
Ulotrichales	Ulotrichaceae	Ulothrix	<i>Ulothrix zonata</i> (Weber & Mohr) Kützing, 1843		145934	<i>Conferva zonata</i> F.Weber & Mohr, 1804			*		*	
Sphaeropleales	Scenedesmaceae	Westella	<i>Westella botryoides</i> (West) De Wildeman, 1897		577930				*			
Chlorellales	Chlorellaceae	Actinastrum		<i>Actinastrum hantzschii</i> v. <i>gracile</i> Roll.					*			
Chlorellales	Chlorellaceae	Dictyosphaerium		<i>Dictyosphaerium pellucidum</i>					*			
Microsporales	Microsporaceae	Microspora		<i>Microspora tumidula</i> Hazen 1902							*	
Oocystales	Oocystacea	Trochiscia		<i>Trochiscia monospina</i> Schiller					*			
Oocystales	Oocystacea	Trochiscia		<i>Trochiscia elenei</i>					*			
Sphaeropleales	Ankistrodesmaceae	Raphidium		<i>Raphidium</i> sp.					*			
Sphaeropleales	Ankistrodesmaceae	Raphidium		<i>Raphidium arcuatum</i>					*			
Sphaeropleales	Scenedesmaceae	Pseudodidymocystis		Pseudodidymocystis planctonica (Korshikov) E.Hegewald & Deason 1989							*	
Sphaeropleales	Scenedesmaceae	Scenedesmus		<i>Scenedesmus acuminatus</i> f. <i>globosus</i> Hort.et Nem.					*			
Sphaeropleales	Scenedesmaceae	Scenedesmus		<i>Scenedesmus acuminatus</i> var. <i>elongatus</i> G.H.Smith					*			
Sphaeropleales	Scenedesmaceae	Scenedesmus		<i>Scenedesmus maximus</i> (W. et W.)Chodat.					*		*	
Sphaeropleales	Scenedesmaceae	Scenedesmus		<i>Scenedesmus intermedius</i> v. <i>bicaudus</i> Hortob.					*			
Sphaeropleales	Scenedesmaceae	Scenedesmus		<i>Scenedesmus carinatus</i> (Lemm.)Chodat.					*		*	
Sphaeropleales	Scenedesmaceae	Tetrastrum		<i>Tetrastrum multisetum</i> Chodat.					*			
Sphaeropleales	Hydrodictyceae	Pediastrum		<i>Pediastrum tetras</i> v. <i>excisum</i> Rabh.					*			
Sphaeropleales	Hydrodictyceae	Tetraedron		Tetraedron trilobatum (Reinsch.) Hansg	622877	<i>Polyedrium trilobulatum</i> Reinsch, 1888 (synonym)	*					
Sphaeropleales	Selenastraceae	Ankistrodesmus		<i>Monoraphidium minutum</i> (Nägeli) Komárková-Legnerová, 1969	163101	<i>Ankistrodesmus lunulatus</i> J.H.Belcher & Swale, 1962 <i>Ankistrodesmus minutissimus</i> Korshikov <i>Rhaphidium convolutum</i> var. <i>minutum</i> (Nägeli) Rabenhorst <i>Rhaphidium minutum</i> Nägeli <i>Selenastrum minutum</i> (Nägeli) Collins, 1907			*			

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Spumellaria	Actinommidiae	Acanthosphaera		<i>Acanthosphaera zachariasii</i> Lemm.					*			
Volvocales	Chlamydomonadaceae	Carteria Diesing, 1866		<i>Carteria cylindraceae</i>							*	
Volvocales	Chlamydomonadaceae	Chlamydomonas Ehrenberg, 1833	<i>Chlamydomonas</i> sp.		178583	Chlorophyta (Phylum)	*					
Volvocales	Chlamydomonadaceae	Chlamydomonas		Chlamydomonas euglenaeformis J.Schiller							*	
Volvocales	Chlamydomonadaceae	Chlamydomonas		<i>Chlamydomonas platyrhyncha</i> Korshikov in Pascher 1927							*	
Volvocales	Chlamydomonadaceae	Chloromonas		Chloromonas cuneata							*	
Volvocales	Chlamydomonadaceae	Chloromonas		Chloromonas sphaera							*	
Volvocales	Chlamydomonadaceae	Chlamydomonas		<i>Chlamydomonas reinhardi</i> Dang.							*	
Zygnematales	Zygnemataceae	Spirogyra		<i>Spirogyra condensata</i> (Vaucher) Kützing 1849							*	
Zygnematales	Zygnemataceae	Spirogyra		<i>Spirogyra daedaleoides</i> Czurda 1932							*	
Zygnematales	Zygnemataceae	Spirogyra		<i>Spirogyra fluviatilis</i> Hilse 1863							*	
Zygnematales	Zygnemataceae	Spirogyra		<i>Spirogyra subsalsa</i> Kützing 1845							*	
<b>Euglenoidea</b>												
Eutreptiida	Astasiaceae	Astasia Dujardin, 1841	<i>Astasia</i> sp.		163791		*					
Euglenida	Euglenaceae	Euglena	<i>Euglena acusformis</i> J.Schiller		628518						*	
Euglenida	Euglenaceae	Euglena	<i>Euglena caudata</i> Hübner, 1886		163398			*				
Euglenida	Euglenaceae	Euglena	<i>Euglena elastica</i> Prescott 1944		163314						*	
Euglenida	Euglenaceae	Euglena	<i>Euglena geniculata</i> (F. Schmitz) Dujardin, 1841		163316		*					
Euglenida	Euglenaceae	Euglena	<i>Euglena granulata</i> (G.A. Klebs) Schmitz, 1884		163465	<i>Euglena communis</i> Gojdics, 1953 <i>Euglena polymorpha</i> P.A.Dangeard, 1902			*		*	
Euglenida	Euglenaceae	Euglena	<i>Euglena hemichromata</i> Skuja 1948		163457						*	
Euglenida	Euglenaceae	Euglena	<i>Euglena oblonga</i> F.Schmitz 1884		163115						*	
Euglenida	Euglenaceae	Euglena	<i>Euglena pisciformis</i> Klebs, 1883		163455	<i>Euglena agilis</i> H.J.Carter, 1856			*			
Euglenida	Euglenaceae	Euglena	<i>Euglena proxima</i> P.A.Dangeard, 1901		163466						*	
Euglenida	Euglenaceae	Euglena Ehrenberg, 1838	<i>Euglena</i> sp.		8012		*		*			
Euglenida	Euglenaceae	Euglena	<i>Euglena texta</i> (Dujardin) Hübner, 1886		163306	<i>Lepocinclis texta</i> (Dujardin) Lemmermann (synonym)					*	
Euglenida	Euglenaceae	Euglena	<i>Euglena variabilis</i> G.A.Klebs 1883		162778						.*	
Euglenida	Euglenaceae	Euglena	<i>Euglena viridis</i> (O.F. Müller) Ehrenberg, 1832		163246		*		*		*	
Eutreptiida	Eutreptiaceae	Eutreptia	<i>Eutreptia globulifera</i> Van Goor, 1925		573866				*			
Eutreptiida	Eutreptiaceae	Eutreptia	<i>Eutreptia lanowii</i> Steuer, 1904		248120		*		*		*	
Eutreptiida	Eutreptiaceae	Eutreptia	<i>Eutreptia viridis</i> Perty		239029		*					
Eutreptiida	Eutreptiaceae	Eutreptiella	<i>Eutreptiella hirudoidea</i> Butcher, 1961		172264		*					

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Euglenida	Phacaceae	Lepocinclis	Lepocinclis acus (O.F.Müller) Marin & Melkonian, 2003		624247	<i>Closterium acus</i> (O.F.Müller) Nitzsch, 1816 <i>Euglena acus</i> (O.F.Müller) Ehrenberg, 1830 <i>Euglena lata</i> D.O.Svirenko, 1915 <i>Vibrio acus</i> O.F.Müller, 1786	*		*			
Euglenida	Phacaceae	Lepocinclis	Lepocinclis oxyuris (Schmarda) Marin & Melkonian, 2003		624255	<i>Euglena oxyuris</i> Schmarda, 1846			*		*	
Euglenida	Euglenaceae	Monomorphina	<i>Monomorphina aenigmatica</i> (Drezepolski) Nudelman & Triemer, 2006		577248	Phacus aenigmaticus Drezepolski, 1922 Phacus striatus Francé, 1894 (synonym)					*	
Euglenida	Phacaceae	Phacus	<i>Phacus longicauda</i> (Ehrenberg) Dujardin, 1841		163375				*			
Euglenida	Phacaceae	Phacus Dujardin, 1841	<i>Phacus</i> sp.		163339		*		*			
Eutreptiida	Astasiaceae	Rhabdomonas Fresenius, 1858	<i>Rhabdomonas</i> sp.		601161				*			
Euglenida	Euglenaceae	Trachelomonas Ehrenberg, 1835	<i>Trachelomonas</i> sp.		163247	<i>Chaetoglena</i> Ehrenberg, 1835 <i>Chaetotyphla</i> Ehrenberg, 1834 <i>Chonemonas</i> Perty, 1849 <i>Lagenella</i> Ehrenberg, 1835 <i>Lagenula</i> Ehrenberg, 1831 <i>Laguncula</i> Fisher, 1881 <i>Trypemonas</i> Perty, 1852			*			
				Lepocinclis globulus Perty 1849							*	
Euglenida	Euglenaceae	Euglena		<i>Euglena leptocinclis elongata</i>							*	
Euglenida	Phacaceae	Lepocinclis		<i>Lepocinclis autumnalis</i> Chu					*			
Cyanophyceae												
Nostocales	Nostocaceae	Anabaena Bory de Saint-Vincent ex Bornet & Flahault, 1886	<i>Anabaena</i> sp.		146585		*		*			
Nostocales	Nostocaceae	Anabaenopsis	<i>Anabaenopsis raciborskii</i> Woloszyńska, 1912		575720				*			
Nostocales	Nostocaceae	Aphanizomenon	<i>Aphanizomenon flos-aquae</i> Ralfs ex Bornet & Flahault, 1886		609460	<i>Anabaena flos-aquae</i> (Lyngb) Bréb ex Bornet & Flahault, 1886 <i>Aphanizomenon flos-aquae</i> (Linnaeus) Ralfs ex Bornet & Flahault, 1888 <i>Byssus flos-aquae</i> Linnaeus, 1753			*		*	
Synechococcales	Merismopediaceae	Microcystis	<i>Aphanocapsa grevillei</i> (Hassall) Rabenhorst, 1865		162667	<i>Microcystis grevillei</i> (Hassall) Elenkin			*			
Nostocales	Rivulariaceae	Calothrix C.Agardh ex Bornet & Flahault, 1886	<i>Calothrix</i> sp.		146624	<i>Dillwynella</i> Bory de St.-Vincent ex Kuntze, 1891 <i>Rivulariopsis</i> (Kirchner) Voronichin, 1923			*			
Oocystales	Oocystaceae	Trochiscia Kützing, 1834		<i>Trochiscia aciculifera</i> (Lagerheim) Hansgirg			*					
Chroococcales	Chroococcaceae	Chroococcus	<i>Chroococcus dispersus</i> (Keiss) Lemm, 1904		146569				*			

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Chroococcales	Chroococcaceae	Chroococcus	Chroococcus minimus (Keissler) Lemmermann, 1904		162714						*	
Chroococcales	Chroococcaceae	Chroococcus	<i>Chroococcus minutus</i> (Kütz) Näg, 1849		146567	Gloeocapsa minuta (Kützing) Hollerbach, 1938			*		*	
Chroococcales	Chroococcaceae	Chroococcus	Chroococcus turgidus (Kützing) Nägeli, 1849		146566	Anacystis dimidiata (Kützing) Drouet & Daily, 1952 Chroococcus dimidiatus (Kützing) Nägeli, 1849 Gloeocapsa turgida (Kützing) Hollerbach, 1938			*			
Synechococcales	Merismopediaceae	Coelomonon	<i>Coelomonon pusillum</i> (Van Goor) Komárek, 1988		177096	Coelosphaerium pusillum van Goor, 1924 Gomphosphaeria pusilla (van Goor) Komárek, 1958			*			
Chroococcales	Dermocarpellaceae	Dermocarpa P.L. Crouan & H.M. Crouan, 1858	<i>Dermocarpa</i> sp.		146652		*					
Nostocales	Nostocaceae	Dolichospermum	Dolichospermum planctonicum (Brunnth.) Wacklin, L.Hoffm. & Komárek, 2009		625407	Anabaena planctonica Brunnthaler, 1903			*			
Nostocales	Nostocaceae	Dolichospermum	Dolichospermum spiroides (Kleb.) Wacklin, L.Hoffm. & Komárek, 2009		625411	Anabaena spiroides Klebahn, 1895			*			
Chroococcales	Microcystaceae	Gloeocapsa	Gloeocapsa minor (Kützing) Hollerbach		576253				*			
Chroococcales	Microcystaceae	Gloeocapsa Greville, 1828	<i>Gloeocapsa</i> sp.		146602		*		*			
Chroococcales	Chroococcaceae	Gloeocapsopsis	<i>Gloeocapsopsis crepidinum</i> (Thuret) Geitler ex Komárek, 1993		146957	<i>Gloeocapsa crepidinum</i> (Thuret) Thuret in Borner & Thuret, 1876 <i>Protococcus crepidinum</i> Thuret, 1854	*		*			
Chlorellales	Chlorellaceae	Keratococcus	<i>Keratococcus raphidioides</i> (Hansgirg) Pascher, 1915 (Chlorophyta)		621057	Dactylococcopsis raphidioides Hansgirg, 1888			*			
Oscillatoriales	Phormidiaceae	Leibleinia	<i>Leibleinia willei</i> (Setchell & Gardner) P.C.Silva, 1996		146687	Lyngbya nordgaardii Wille, 1919 Lyngbya willei Setchell & Gardner, 1918					*	
Pseudanabaenales	Pseudanabaenaceae	Leptolyngbya	<i>Leptolyngbya fragilis</i> (Gomont) Anagnostidis & Komárek 1988		178482	Phormidium fragile Gomont, 1892 Lyngbya fragilis (Gomont) Compère, 1974			*		*	
Chroococcales	Chroococcaceae	Limnococcus	<i>Limnococcus limneticus</i> (Lemmermann) Komárková, Jezberová, O.Komárek & Zapomelová, 2010		576250	Chroococcus limneticus Lemmermann, 1898 Gloeocapsa limnetica (Lemmermann) Hollerbach, 1938			*			
Pseudanabaenales	Pseudanabaenaceae	Limnothrix	<i>Limnothrix planctonica</i> (Woloszynska) Meffert, 1988		177507	<i>Oscillatoria planctonica</i> Wolosz, 1912			*			
Oscillatoriales	Oscillatoriaceae	Lyngbya	<i>Lyngbya aestuarii</i> (Mertens) Liebman ex Gomont, 1892		157084		*					
Oscillatoriales	Oscillatoriaceae	Lyngbya C.Agardh ex Gomont, 1892	<i>Lyngbya</i> sp.		146538				*			
Synechococcales	Merismopediaceae	Merismopedia	<i>Merismopedia elegans</i> A. Braun in Kützing, 1849		177158		*				*	
Synechococcales	Merismopediaceae	Merismopedia	<i>Merismopedia glauca</i> (Ehrenberg) Kützing, 1845		146578		*		*			
Synechococcales	Merismopediaceae	Merismopedia	<i>Merismopedia minima</i> Beck, 1897		248130				*			

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Synechococcales	Merismopediaceae	Merismopedia	<i>Merismopedia punctata</i> Meyen, 1939		146577				*			
Synechococcales	Merismopediaceae	Merismopedia	<i>Merismopedia tenuissima</i> Lemmermann, 1898		146576		*		*		*	
Cyanophyceae incertae sedis	Cyanophyceae incertae sedis	Holopedia	<i>Microcrocis geminata</i> (Lagerheim) Geitler, 1942		177188	<i>Holopedia geminata</i> (Lagerheim) Lagerheim, 1893			*			
Chroococcales	Microcystaceae	Microcystis	<i>Microcystis aeruginosa</i> (Kützing) Kützing, 1846		146558	<i>Microcystis aeruginosa</i> f. <i>flos-aquae</i> (Wittrock) Elenkin, 1938 <i>Clathrocystis aeruginosa</i> (Kützing) Henfrey, 1856 <i>Diplocystis aeruginosa</i> (Kützing) Trevisan, 1848 <i>Micraloa aeruginosa</i> Kützing, 1833 <i>Polycystis aeruginosa</i> (Kützing) Kützing, 1846	*		*		*	
Chroococcales	Microcystaceae	Microcystis Kützing, 1833 ex Lemmermann, 1907	<i>Microcystis flos-aquae</i> (Wittrock in Wittrock & Nordstedt) Kirchner, 1898		146560						*	
Chroococcales	Microcystaceae	Microcystis	<i>Microcystis pulverea</i> (Wood) Forti, 1907		177389	<i>Pleurococcus pulvereus</i> H.C.Wood, 1873			*			
Chroococcales	Microcystaceae	Microcystis Kützing, 1833 ex Lemmermann, 1907	<i>Microcystis</i> sp.		146557		*		*			
Nostocales	Nostocaceae	Nodularia	<i>Nodularia spumigena</i> Mertens ex Bornet & Flahault, 1886		624842	* <i>Nodularia spumigena</i> Mert in Jürgens, 1822	*					
Nostocales	Nostocaceae	Nostoc Vaucher ex Bornet & Flahault, 1886	<i>Nostoc</i> sp.		393172		*					
Oscillatoriales	Oscillatoriaceae	Oscillatoria Vaucher ex Gomont, 1893	<i>Oscillatoria bonnemaisonii</i> Crouan in Desmazières ex Gomont, 1892		177513				*			
Oscillatoriales	Phormidiaceae	Phormidium	<i>Oscillatoria limosa</i> (Dillwyn) C. Agardh, 1812		624259	<i>Phormidium limosum</i> (Dillwyn) P.C. Silva, 1996 <i>Phormidium tenue</i> (C. Agardh ex Gomont) Anagnostidis & Komárek, 1988	*		*		*	
Oscillatoriales	Oscillatoriaceae	Oscillatoria Vaucher ex Gomont, 1893	<i>Oscillatoria princeps</i> Vaucher ex Gomont, 1892		177516		*					
Oscillatoriales	Oscillatoriaceae	Oscillatoria Vaucher ex Gomont, 1893	<i>Oscillatoria</i> sp.		146549		*		*			
Oscillatoriales	Oscillatoriaceae	Oscillatoria Vaucher ex Gomont, 1893	<i>Oscillatoria subbrevis</i> Schmidle, 1901		213725						*	
Oscillatoriales	Oscillatoriaceae	Oscillatoria Vaucher ex Gomont, 1893	<i>Oscillatoria tenuis</i> Agardh, 1813		146594		*					
Oscillatoriales	Phormidiaceae	Phormidium	<i>Phormidium breve</i> (Kützing ex Gomont) Anagnostidis & Komárek, 1988		146702	<i>Arthrospira neapolitana</i> (Kützing ex Gomont) F.E.Drouet, 1969 <i>Oscillatoria brevis</i> Kützing ex Gomont, 1892 <i>Oscillatoria brevis</i> var. <i>neapolitana</i> Gomont, 1892 (Synonym)					*	



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Oscillatoriales	Phormidiaceae	Phormidium	Phormidium corallinae (Gomont ex Gomont) Anagnostidis & Komárek, 1988		156350	Oscillatoria corallinae (Kützing) Gomont, 1890			*			
Oscillatoriales	Phormidiaceae	Phormidium	<i>Phormidium formosum</i> (Bory de Saint-Vincent ex Gomont) Anagnostidis & Komárek		146697	<i>Oscillatoria formosa</i> Bory de Saint-Vincent ex Gomont, 1892 (Basionym)					*	
Oscillatoriales	Phormidiaceae	Phormidium	<i>Phormidium lucidum</i> Kützing ex Gomont 1892		665966						*	
Oscillatoriales	Phormidiaceae	Phormidium	<i>Phormidium</i> sp. Kützing ex Gomont, 1893		146690		*		*			
Oscillatoriales	Phormidiaceae	Planktothrix	<i>Planktothrix agardhii</i> (Gomont) Anagnostidis & Komárek, 1988		146552	<i>Oscillatoria agardhii</i> Gomont, 1892					*	
Pseudanabaenales	Pseudanabaenaceae	Pseudanabaena	<i>Pseudanabaena catenata</i> Lauterborn, 1915		213742						*	
Pseudanabaenales	Pseudanabaenaceae	Pseudanabaena	<i>Pseudanabaena limnetica</i> (Lemm) Komárek, 1974		177590	<i>Oscillatoria limnetica</i> Lemm, 1900			*		*	
Nostocales	Nostocaceae	Richelia	<i>Richelia intracellularis</i> J. Schmidt, 1901		376490				*			
Synechococcales	Merismopediaceae	Snowella	<i>Snowella lacustris</i> (Chodat) Komárek & Hindák, 1988		146645	<i>Coelosphaerium lacustre</i> (Chodat) Ostenfeld, 1907 <i>Gomphosphaeria lacustris</i> Chodat, 1898			*		*	
Pseudanabaenales	Pseudanabaenaceae	Spirulina	<i>Spirulina laxa</i> G.M.Smith, 1916		578257				*			
Pseudanabaenales	Pseudanabaenaceae	Spirulina	<i>Spirulina major</i> Kützing ex Gomont, 1892		177600	<i>Arthrospira major</i> (Kützing) Crow, 1927	*				*	
Pseudanabaenales	Pseudanabaenaceae	Spirulina Turpin ex Gomont, 1893	<i>Spirulina</i> sp.		146541		*		*			
Pseudanabaenales	Pseudanabaenaceae	Spirulina	<i>Spirulina subsalsa</i> Oerstedt ex Gomont, 1892		146666						*	
Pseudanabaenales	Pseudanabaenaceae	Spirulina	<i>Spirulina tenuissima</i> Kützing		213734		*					
Synechococcales	Synechococcaceae	Synechococcus Nägeli, 1849	<i>Synechococcus</i> sp.		160572		*					
Synechococcales	Merismopediaceae	Synechocystis Sauvageau, 1892	<i>Synechocystis</i> sp.		177482				*			
Oscillatoriales	Phormidiaceae	Trichodesmium Ehrenberg ex Gomont, 1892	<i>Trichodesmium</i> sp.		177604	<i>Haliarachne</i> Lemmermann, 1899 <i>Xanthotrichum</i> N.Wille ex O.Kirchner, 1898	*					
Nostocales	Nostocaceae	Trichormus	<i>Trichormus catenula</i> (Kützing ex Bornet & Flahault) Komárek & Anagnostidis, 1989		177630	<i>Anabaena solitaria</i> Kleb. <i>Anabaena catenula</i> Kützing ex Bornet & Flahault, 1886			*			
Nostocales	Nostocaceae	Trichormus	<i>Trichormus variabilis</i> (Kützing ex Bornet & Flahault) Komárek & Anagnostidis, 1989		146661	<i>Anabaena variabilis</i> Kützing, 1843					*	
Oocystales	Oocystaceae	Trochiscia Kützing, 1834	<i>Trochiscia granulata</i> (Reinsch) Hansgirg, 1888 chlorophyta		146598	<i>Acanthococcus granulatus</i> Reinsch, 1886	*					
Chroococcales	Xenococcaceae	Chroococcopsis		Chroococcopsis chroococcoides (Fritsch) Komárek & Anagnostidis 1995							*	

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Nostocales	Nostocaceae	Aphanizomenon		<i>Aphanizomenon elenkinii</i> l. Kissel					*		*	
Nostocales	Nostocaceae	Anabaenopsis		<i>Anabaenopsis arnoldii</i> Apetk			*					
Synechococcales	Merismopediaceae	Coelosphaerium		<i>Coelosphaerium</i> sp.					*			
Chroococcales	Microcystaceae	Gloeocapsa		<i>Gloeocapsa magma</i> (Breb) Kutz.					*			
Chroococcales	Microcystaceae	Gloeocapsa		<i>Gloeocapsa minor</i> f. <i>dispersa</i> (Keissl.)Hollerb.					*			
Cyanophyceae incertae sedis	Cyanophyceae incertae sedis	Holopedia		<i>Holopedia</i> sp.					*			
Chroococcales	Microcystaceae	Microcystis		<i>Microcystis pulverea incerta</i> (Lemm.)Elenk.					*			
Chroococcales	Microcystaceae	Microcystis		<i>Microcystis orae</i> (Hansg.)Kossinsk.					*			
Nostocales	Nostocaceae	Nostoc Vaucher ex Bornet & Flahault, 1885		<i>Nostoc caeruleum</i> Lyngbye ex Bornet & Flahault							*	
Oscillatoriales	Oscillatoriaceae	Oscillatoria Vaucher ex Gomont, 1893		<i>Oscillatoria angusta</i> Koppe (1924),			*					
Oscillatoriales	Oscillatoriaceae	Oscillatoria Vaucher ex Gomont, 1893		<i>Oscillatoria pseudogeminata</i> G.Schind.					*			
Oscillatoriales	Phormidiaceae	Phormidium		Phormidium aerugineo-caeruleum (Gomont) Anagnostidis & Komárek							*	
Oscillatoriales	Phormidiaceae	Phormidium		<i>Phormidium hormoides</i> (Kutz.)Borzi.					*			
Pseudanabaenales	Pseudanabaenaceae	Spirulina		<i>Spirulina miniata</i> Hauck.					*			
Pseudanabaenales	Pseudanabaenaceae	Spirulina		<i>Spirulina adriatica</i> Hansgirg					*			
Synechococcales	Synechococcaceae	Synechococcus Nägeli, 1849		<i>Synechococcus elongatus</i> Komarek			*					
<b>Cryptophyceae</b>												
Pyrenomonadales	Chroomonadaceae	Chroomonas	<i>Chroomonas baltica</i> (J.Büttner) N.Carter 1937		106292	<i>Cyanomonas baltica</i> J.Büttner, 1910					*	
Pyrenomonadales	Chroomonadaceae	Chroomonas Hansgirg, 1885		<i>Chroomonas</i> sp.	106281		*		*			
Cryptomonadales	Cryptomonadaceae	Cryptomonas	<i>Cryptomonas erosa</i> Ehrenberg, 1832		155555		*					
Cryptomonadales	Cryptomonadaceae	Cryptomonas	<i>Cryptomonas ovata</i> Ehrenberg, 1832		155554				*		*	
Cryptomonadales	Cryptomonadaceae	Cryptomonas Ehrenberg, (1832)		<i>Cryptomonas</i> sp.	106282		*		*			
Pyrenomonadales	Chroomonadaceae	Hemiselmis Parke, 1949	<i>Hemiselmis rufescens</i> Parke 1949		573878						*	
Pyrenomonadales	Chroomonadaceae	Hemiselmis Parke, 1949		<i>Hemiselmis</i> sp.	106287		*					
Pyrenomonadales	Chroomonadaceae	Hemiselmis Parke, 1949	<i>Hemiselmis virescens</i> Droop 1955		106310						*	
Cryptomonadales	Hilleaceae	Hillea	<i>Hillea fusiformis</i> (Schiller) Schiller, 1925		178567	<i>Chlamydomonas fusiformis</i> J.Schiller, 1913	*		*		*	
Pyrenomonadales	Chroomonadaceae	Komma	<i>Komma caudata</i> (L. Geitler) D.R.A. Hill, 1991		249705	<i>Chroomonas acuta</i> Utermöhl, 1925 <i>Teleaulax acuta</i> (Butcher) D.R.A.Hill 1991			*			

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Cryptophyta incertae sedis	Katablepharidaceae	Leucocryptos	<i>Leucocryptos marina</i> (Braarud) Butcher, 1967		119077	<i>Bodo marina</i> Braarud, 1935; <i>Chilomonas marina</i> (Braarud, 1935) Halldal, 1953	*					
Ochromonadales	Chromulinaceae	Monas O.F. Muller, 1773	<i>Monas</i> sp. (Chrysophyceae)		248133		*					
Pyrenomonadales	Geminigeraceae	Plagioselmis	<i>Plagioselmis nannoplanctica</i> (H.Skuja) G.Novarino, I.A.N.Lucas & S.Morrall, 1994		370563	<i>Rhodomonas minuta</i> Skuja <i>Rhodomonas lacustris</i> var. <i>nannoplanctica</i> (Skuja) Javornicky, 1976 <i>Rhodomonas minuta</i> var. <i>nannoplanctica</i> H.Skuja, 1948	*				*	
Pyrenomonadales	Geminigeraceae	Plagioselmis	<i>Plagioselmis prolonga</i> Butcher ex G.Novarino, I.A.N.Lucas, & S.Morrall 1994		106303	<i>Plagioselmis punctata</i> Butcher, 1967					*	
Pyrenomonadales	Pyrenomonadaceae	Rhodomonas	<i>Rhodomonas lens</i> Pascher & Ruttner, 1913		248153		*					
Pyrenomonadales	Pyrenomonadaceae	Rhodomonas	<i>Rhodomonas marina</i> (Dangeard) Lemmermann, 1899		106314	<i>Chroomonas marina</i> (Büttner) Butcher, 1967 <i>Cryptomonas marina</i> P.A.Dangeard, 1892 <i>Rhodomonas pelagica</i> Lohmann	*				*	
Pyrenomonadales	Pyrenomonadaceae	Rhodomonas	<i>Rhodomonas salina</i> (Wislouch) Hill et Wetherbee								*	
Cryptomonadales	Campylomonadaceae	Chilomonas Ehrenberg ex Ralfs, 1831		<i>Cryptomonas paramaecium</i> (Ehrenberg 1832)			*					
Pyrenomonadales	Chroomonadaceae	Chroomonas Hansgirg, 1885			106281	<i>Cyanomonas Büttner</i> , 1910	*					
Pyrenomonadales	Chroomonadaceae	Chroomonas		<i>Chroomonas caudata</i> Geitl.					*			
Cryptomonadales	Cryptomonadaceae	Cryptomonas		<i>Cryptomonas nordstedtii</i> (Hansgirg) Senn							*	
<b>Dictyochophyceae</b>												
Pedinellales	Pedinellaceae	Apedinella	<i>Apedinella radians</i> (Lohmann) Campbell, 1973		248097	<i>Apedinella spinifera</i> (Thronsdén) Thronsdén, 1971 <i>Meringosphaera radians</i> Lohmann, 1908	*		*			
Dictyochales	Dictyochaceae	Dictyocha	<i>Dictyocha fibula</i> Ehrenberg		157463		*				*	
Dictyochales	Dictyochaceae	Dictyocha	<i>Dictyocha speculum</i> Ehrenberg		157260		*		*		*	
Dictyochales	Dictyochaceae	Distephanus	<i>Distephanus speculum</i> (Ehrenberg) Haeckel, 1887		160555		*				*	
Dictyochales	Dictyochaceae	Distephanus	<i>Distephanus speculum</i> f. <i>octonarius</i> (Ehrenberg) S.Locker & E.Martini		577569				*			
Dictyochales	Dictyochaceae	Distephanus	<i>Distephanus speculum</i> var. <i>septenarius</i> (Ehrenberg) Jørgensen		577366						*	
Dictyochales	Dictyochaceae	Octactis	<i>Octactis octonaria</i> (Ehrenberg) Hovasse, 1946		375970	<i>Dictyocha octonaria</i> Ehrenberg, 1844	*		*		*	
Pedinellales	Pedinellaceae	Parapedinella	<i>Parapedinella reticulata</i> Pedersen & Thomsen, 1986		345499		*					
Pedinellales	Pedinellaceae	Pseudopedinella N. Carter, 1937	<i>Pseudopedinella pyriformis</i> N. Carter, 1937		160600	<i>Pseudopedinella variabilis</i> Rouchijajnen, 1968	*				*	
Pedinellales	Pedinellaceae	Pseudopedinella N. Carter, 1937	<i>Pseudopedinella</i> sp.		160599		*					

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Pedinellales	Pedinellaceae	Pseudopedinella N. Carter, 1937	<i>Pseudopedinella thomsenii</i> Sekiguchi, Kawachi, Nakayama, & Inouye, 2003		388485	Pseudopedinella tricostata (M.I.Roukhiyainen) H.A.Thomsen, 1988 (synonym)					*	
Dictyochales	Dictyochaceae	Dictyocha		<i>Dictyocha fibula</i> var. <i>messanensis</i> (E.H.P.A.Haeckel) Lemmermann							*	
Dictyochales	Dictyochaceae	Dictyocha		<i>Dictyocha fibula</i> var. <i>pentagona</i> P.Schulz-Danzig							*	
Dictyochales	Dictyochaceae	Dictyocha		<i>Dictyocha specillum</i> v. <i>octonaria</i>					*			
Dictyochales	Dictyochaceae	Dictyocha		<i>Dictyocha polyactis</i>							*	
Dictyochales	Dictyochaceae	Dictyocha		<i>Dictyocha triachantha</i> Ehr.					*			
<b>Chrysophyceae</b>												
Ochromonadales	Chromulinaceae	Chromulina Cienkowski, 1870	<i>Chromulina</i> sp.		249689	Synurophyceae	*		*			
Chromulinales	Dinobryaceae	Dinobryon	<i>Dinobryon balticum</i> (Schütt) Lemmermann, 1900		160552	Synurophyceae <i>Dinobryon pellucidum</i> Levander, 1894 <i>Dinodendron balticum</i> Schütt, 1892	*		*		*	
Chromulinales	Dinobryaceae	Dinobryon	<i>Dinobryon sertularia</i> Ehrenberg, 1838		157252	Synurophyceae	*		*		*	
Ochromonadales	Chromulinaceae	Ochromonas Wyssotski, 1887	<i>Ochromonas</i> sp.		249725	Synurophyceae <i>Chlorochromonas</i> I.F.Lewis, 1913	*					
<b>Xanthophyceae</b>												
Chlorococcales	Botryococcaceae	Dichotomococcus	<i>Dichotomococcus curvatus</i> Korshikov	<i>Dichotomococcus elongatus</i> Fott	610877		*					
Pyramimonadales	Pyramimonadaceae	Halosphaera	<i>Halosphaera viridis</i> Schmitz		134546				*		*	
Mischococcales	Pleurochloridaceae	Meringosphaera	<i>Meringosphaera mediterranea</i> Lohmann, 1902		248129	<i>Meringosphaera baltica</i> Lohmann			*			
Mischococcales	Pleurochloridaceae	Meringosphaera		<i>Meringosphaera merzi</i> Schill.					*			

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# Black Sea PHYTOPLANKTON CHECK-LIST



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