

ПРИЛОЖЕНИЕ

Таксономический список водорослей северных регионов России

Таксон	A ¹	CE	SE	Srs	SVS	ZS	ALL
Desmiales							
Closteriaceae							
<i>Closterium abruptum</i> f. <i>brevius</i> W.West	+				+	+	
<i>Closterium abruptum</i> f. <i>elongatum</i> (Breb.)Kossinsk.	+	+	+		+	+	
<i>Closterium abruptum</i> f. <i>minus</i> (Hantzsch)Kossinsk.	+					+	
<i>Closterium abruptum</i> var. <i>angustissimum</i> (Schmidle)Krieg.		+					
<i>Closterium abruptum</i> W. West var. <i>angustissimum</i> f. <i>minus</i> Roll		+					
<i>Closterium abruptum</i> W.West		+			+		
<i>Closterium acerosum</i> Ehrenberg ex Ralfs	+	+	+		+	+	
<i>Closterium acerosum</i> f. <i>minus</i> (Hantzsch)Kossinsk.				+			
<i>Closterium acerosum</i> (Schrank.)Ehr. var. <i>elongatum</i> Brébisson		+			+		
<i>Closterium acerosum</i> var. <i>elongatum</i> f. <i>elegans</i> (Elenk.)Kossinsk.		+					
<i>Closterium aciculare</i> T. West		+	+			+	
<i>Closterium aciculare</i> var. <i>brevius</i> Elenk.		+					
<i>Closterium aciculare</i> var. <i>subprorum</i> W. et G. S. West		+					
<i>Closterium acutum</i> Brébisson in Ralfs		+	+		+		
<i>Closterium acutum</i> var. <i>linea</i> (Perty)W.et G.S.West		+				+	
<i>Closterium angustatum</i> Kutz. et Ralfs		+				+	
<i>Closterium archerianum</i> Cleve ex Lund.		+	+			+	
<i>Closterium attenuatum</i> Ralfs		+			+		
<i>Closterium baileyanaum</i> Breb.	+	+		+	+		
<i>Closterium baileyanaum</i> var. <i>alpinum</i> (Viret) et Gronbl.		+		+	+		
<i>Closterium baileyanaum</i> var. <i>parvulum</i> Gronbl.		+					
<i>Closterium calosporum</i> var. <i>brasiliense</i> Borg	+				+		
<i>Closterium calosporum</i> Wittr.	+	+			+	+	
<i>Closterium ceratium</i> Perty		+	+				
<i>Closterium closteroides</i> (Ralfs) A.Louis & Peeters	+	+	+			+	
<i>Closterium cornu</i> Ehr. ex Ralfs	+	+	+	+	+	+	
<i>Closterium costatum</i> Corda ex Ralfs	+	+			+	+	
<i>Closterium costatum</i> var. <i>erectum</i> Gronbl.		+					
<i>Closterium cynthia</i> De Not.		+	+			+	
<i>Closterium decorum</i> Breb.		+				+	
<i>Closterium delpontei</i> (Klebs)Wolle		+	+			+	
<i>Closterium diana</i> e Ehr. ex Ralfs	+	+	+	+		+	
<i>Closterium diana</i> e f. <i>intermedium</i> (Hust.)Kossinsk.		+				+	
<i>Closterium diana</i> e var. <i>arcuatum</i> (Brebisson ex Ralfs) Rabenh.	+	+					
<i>Closterium diana</i> e var. <i>compressum</i> Klebs						+	
<i>Closterium didymotocum</i> Corda ex Ralfs		+				+	
<i>Closterium directum</i> W.Archer		+	+		+	+	
<i>Closterium eboracense</i> Turner		+					
<i>Closterium ehrenbergii</i> Menegh. f. <i>colorato-glabra</i> Woronich.		+					

1 Флористические провинции: A - Арктическая, CE - Центральноевропейская, SE - Североевропейская, Srs - Среднесибирская, SVS - Северо-Востоносибирская, ZS - Западносибирская. Список видов, который мы не смогли отнести к какой-либо провинции приведен в столбце ALL.

Closterium ehrenbergii Menegh. ex Ralfs	+	+	+	+	+	+	
Closterium ehrenbergii var. elegans Elenk.		+					
Closterium ehrenbergii var. percassum (Borge)Gronbl.						+	
Closterium elenkinii Kossinsk.	+					+	
Closterium exile var. westii W.Krieg					+		
Closterium exile W.et G.S.West					+		
Closterium gracile Breb. et Ralfs	+	+	+	+		+	
Closterium gracile f. elongatum (W.et G.S.West)Kossinsk.		+				+	
Closterium gracile f. tenue (Lemm.)Kossinsk.	+	+			+		
Closterium idiosporum W.et G.S.West		+					
Closterium incurvum Breb.		+				+	
Closterium intermedium Ralfs	+	+	+		+	+	
Closterium intermedium var. hibernicum W.et G.S.West		+				+	
Closterium jeneri Ralfs	+	+			+	+	
Closterium jeneri var. robustum G.S.West		+					
Closterium juncidum Ralfs	+	+	+			+	
Closterium juncidum var. brevius (Ralfs)Roy						+	
Closterium kuetzingii Breb.	+	+	+	+	+	+	
Closterium kuetzingii var. jacutica Breb.					+		
Closterium lanceolatum f. parvum (W. et G. S. West)Kossinsk		+					
Closterium lanceolatum Kutz. ex Ralfs	+	+			+	+	
Closterium leibleinii Kutz.ex Ralfs	+	+	+		+	+	
Closterium lennere Ralfs.			+			+	
Closterium libellula f. intermedium (Roy et Biss.)Kossinsk.		+				+	
Closterium libellula var. interruptum (W.et G.S.West)Donat			+			+	
Closterium lineatum Ehr. ex Ralfs	+	+	+		+	+	
Closterium lineatum f. minus (Woronich.)Kossinsk.		+					
Closterium littorale F.Gay	+	+	+	+	+	+	
Closterium lunula Ehrenberg & Hemprich ex Ralfs	+	+	+			+	
Closterium macilentum Breb.	+	+	+		+	+	
Closterium manschuricum Skv.	+			+	+	+	
Closterium moniliferum (Bory)Ehr.	+	+	+	+	+	+	
Closterium moniliferum var. concavum Klebs	+	+	+		+	+	
Closterium moniliferum (Bory)Ehr. var. malinvernianiforme (Gronbl.)Kossinsk.		+					
Closterium moniliferum var. subrectum (Gronbl.)Poljansk.	+					+	
Closterium navicula (Breb.)Lutkem.	+	+	+			+	
Closterium navicula var. crassum (W.et G.S.West)Gronbl.	+					+	
Closterium nematodes Joshua var. proboscideum W.B.Turner		+					
Closterium nordstedtii (Delp.)Chodat.		+					
Closterium parvulum Nag.	+	+	+	+	+	+	
Closterium parvulum var. angustum W.et G. S. West		+					
Closterium parvulum var. maius (Schmidle) Willi Krieger	+	+	+	+	+	+	
Closterium porrectum Nordst.		+				+	
Closterium praelongum Breb.	+	+				+	
Closterium praelongum Breb. var. brevius (Nordst.)Krieg.		+					
Closterium pritchardianum Arch.	+	+				+	
Closterium pronum Breb.	+	+	+	+		+	
Closterium pronum f. brevius (W. West)Kossinsk.		+					
Closterium pronum Breb. f. plurilocellata Woronich.		+					

<i>Closterium pronum</i> var. <i>brevius</i> f. <i>sigmoidea</i> Woronich.		+					
<i>Closterium pseudodiana</i> e Roy	+	+	+			+	
<i>Closterium pseudolunula</i> Borge	+				+		
<i>Closterium pusillum</i> Hantzsch	+	+				+	
<i>Closterium ralfsii</i> Breb.		+	+			+	
<i>Closterium ralfsii</i> var. <i>hybridum</i> Rabenh.		+				+	
<i>Closterium regulare</i> Breb.	+	+	+		+		
<i>Closterium rostratum</i> Ehr.	+	+	+		+	+	
<i>Closterium rostratum</i> f. <i>brevirostratum</i> (W. West)Kossinsk.		+					
<i>Closterium rostratum</i> var. <i>angustum</i> Roll.							+
<i>Closterium rostratum</i> var. <i>brevirostratum</i> W.West	+				+	+	
<i>Closterium selenostroides</i> Roll.			+			+	
<i>Closterium setaceum</i> Ehr. ex Ralfs	+	+	+		+	+	
<i>Closterium strigosum</i> Brébisson	+	+	+	+	+	+	
<i>Closterium strigosum</i> var. <i>elegans</i> (G.S.West) Willi Krieger	+	+			+	+	
<i>Closterium striolatum</i> Ehrenberg ex Ralfs	+	+	+		+	+	
<i>Closterium striolatum</i> f. <i>attenuatum</i> Kaiser					+		
<i>Closterium submoniliferum</i> var. <i>malinvernianum</i> (De Notaris)Coesel		+			+		
<i>Closterium subulatum</i> (Kutz.)Breb.	+	+	+	+	+	+	
<i>Closterium toxon</i> W.West		+				+	
<i>Closterium tumidulum</i> Gay			+			+	
<i>Closterium tumidum</i> Johns.	+	+	+	+		+	
<i>Closterium turgidum</i> Ehr.		+				+	
<i>Closterium venus</i> f. <i>minus</i> Roll		+					
<i>Closterium venus</i> Kutz.	+	+	+		+	+	
Desmidiaceae							
<i>Actinotaenium borgeanum</i> (Skuja) Kouwets & Coesel			+				
<i>Actinotaenium cordanum</i> (Breb.)Ruzicka et Pouzar	+		+				
<i>Actinotaenium cruciferum</i> (de Bary)Teil.	+					+	
<i>Actinotaenium cucurbita</i> (Breb. ex Ralfs)Teil.		+	+	+		+	
<i>Actinotaenium cucurbitinum</i> (Biss.)Teil.	+	+	+			+	
<i>Actinotaenium curtum</i> (Breb.)Teil.ex Ruzicka et Pouzar	+	+					
<i>Actinotaenium didymocarpum</i> (P.Lundell) Coesel & Delfos		+				+	
<i>Actinotaenium elongatum</i> (Racib.)Teil.						+	
<i>Actinotaenium globosum</i> (Bulnh.)Krieg.et Gerloff	+	+		+		+	
<i>Actinotaenium minutissimum</i> (Nordstedt) Teiling		+					
<i>Actinotaenium obcuneatum</i> (W.West)Teil.	+	+					
<i>Actinotaenium palangula</i> (Breb. ex. Ralfs)Teil.						+	
<i>Actinotaenium phymatosporum</i> (Nordstedt) Kouwets & Coesel		+					
<i>Actinotaenium rufescens</i> (Cleve)Teiling						+	
<i>Actinotaenium silvae-nigrae</i> (Rabanus) Kouwets & Coesel			+			+	
<i>Actinotaenium silvae-nigrae</i> var. <i>parallelum</i> (Willi Krieger) Kouwets & Coesel		+					
<i>Actinotaenium spinospermum</i> (Joshua) Kouwets & Coesel		+	+			+	
<i>Actinotaenium subglobosum</i> (Nordst.)Teil.		+					
<i>Actinotaenium subtile</i> (W. et G. S. West)Teil.		+					
<i>Actinotaenium tessellatum</i> (Delp.)Pal.-Mordv.		+		+			
<i>Actinotaenium turgidum</i> (Breb. ex Ralfs)Teil.		+	+				
<i>Ancyclonema nordenskjoeldii</i> Berggr.							+
<i>Arthrodesmus bulnheimii</i> var. <i>subincus</i> f. <i>minor</i> V.Poljansk.		+					

Arthrodesmus convergens var. inermis Jacobsen		+					
Arthrodesmus curvatus Turn. var. imatrensis Gronbl.		+					
Arthrodesmus subulatus f. americana (Turn.)W. et G. S. West		+					
Arthrodesmus triangularis f. minor G.S.West		+					
Bambusina borneri (Ralfs) Cleve	+	+	+	+	+	+	
Bambusina brebissonii Kutz. var. gracilescens Nordst.		+	+			+	
Cosmarium abbreviatum f. depressum Kossinsk.		+					
Cosmarium abbreviatum Racib.	+	+	+		+	+	
Cosmarium abbreviatum var. planctonicum W.et G.S.West		+				+	
Cosmarium amoenum Breb. ex Ralfs		+	+			+	
Cosmarium amoenum var. mediolaeve Nordst.			+				
Cosmarium anceps Lund.	+	+				+	
Cosmarium angulosum Breb.		+	+		+	+	
Cosmarium annulatum (Nag.)De Bary	+						
Cosmarium arctoum Nordst.	+	+					
Cosmarium asphaerosporum var. strigosum Nordst.	+				+	+	
Cosmarium asphaerosporum Wittrock	+			+	+		
Cosmarium binum Nordst.			+			+	
Cosmarium bioculatum Breb. ex Ralfs	+	+	+		+	+	
Cosmarium bioculatum var. drpressum (Schaarschm.)Smidle	+		+		+	+	
Cosmarium bipunctatum Borg						+	
Cosmarium biretum Breb. ex Ralfs		+		+		+	
Cosmarium biretum var. trigibberum Nordst.	+	+				+	
Cosmarium blyttii var. novae-sylvae W. et G. S. West		+					
Cosmarium blyttii Wille	+	+	+	+		+	
Cosmarium boeckii Wille				+		+	
Cosmarium botrytis Menegh. ex Ralfs	+	+	+	+	+	+	
Cosmarium botrytis var. depressum W.et G.S.West					+		
Cosmarium botrytis var. gemmiferum (Breb.)Nordst.		+					
Cosmarium botrytis var. mediolaeve W. West		+					
Cosmarium botrytis var. mesoleium Nordst.							+
Cosmarium botrytis var. subtumidum Wittr.							+
Cosmarium brebissonii Menegh. ex Ralfs	+		+				
Cosmarium broomei Thwaites ex Ralfs		+				+	
Cosmarium caelatum f. arcticum Kossinsk.	+					+	
Cosmarium caelatum Ralfs	+	+	+			+	
Cosmarium calcareum Wittr.		+					
Cosmarium circulare Reinsch.							+
Cosmarium clepsydra Nordst.							+
Cosmarium clepsydra Nordst. var. hoglandiae Gronbl.		+					
Cosmarium coarctatum West.	+			+			
Cosmarium coelatum Nordst.	+					+	
Cosmarium connatum Breb.		+	+				
Cosmarium conspersum Ralfs	+	+	+				
Cosmarium conspersum var. latum (Breb.)W.et G.S.West		+					
Cosmarium constrictum Delp.		+				+	
Cosmarium constrictum var. subdeplanatum (Schmidle)Krieg.et Gerloff		+				+	
Cosmarium contractum Kirchn.	+	+	+		+	+	
Cosmarium contractum var. ellipsoideum (Elfv.)W.et G.S.West		+			+		
Cosmarium crenatum Ralfs	+	+			+		

Cosmarium crenatum var. bicrenatum Nordst.		+					
Cosmarium crenulatum Näg.	+	+	+	+	+	+	
Cosmarium cucumis (Corda)Ralfs.	+	+	+			+	
Cosmarium cucurbita Breb. f. minor Gronbl.		+					
Cosmarium cyclicum Lund.	+		+			+	
Cosmarium cyclicum Lund. var. arcticum Nordst. f. minor Boldt		+					
Cosmarium cyclicum var. arcticum Nordst.	+		+				
Cosmarium cylindricum Ralfs	+					+	
Cosmarium debaryi Arch.	+	+	+		+	+	
Cosmarium decedens (Reinsch)Racib.		+					
Cosmarium depressum (Nag.)Lund.		+	+	+		+	
Cosmarium depressum var. achndrum (Boldt.)W.et G.S.West	+					+	
Cosmarium didymochondrum Nordst.							+
Cosmarium didymoprotupsum W. et G. S. West		+					
Cosmarium difficile Lutkem.	+	+	+		+	+	
Cosmarium elegantissimum Lund.	+						
Cosmarium elenkinii V. Poljansk.		+					
Cosmarium etchachanence Roy et Biss.					+		
Cosmarium etchachanense Roy et Biss.			+			+	
Cosmarium exiguum Arch.				+			
Cosmarium exiguum var. surectangulum W.et G.S.West				+			
Cosmarium formosulum Hoff.		+	+			+	
Cosmarium furcatospermum W. et G. S. West		+					
Cosmarium galeritum Nordst.						+	
Cosmarium garrolense Roy et Biss.		+					
Cosmarium gayanum De Toni				+			
Cosmarium geminatum Lund.		+					
Cosmarium globosum var. scrobiculosum Bulhn. Gronbl.		+					
Cosmarium gostyniense (Rasib.)Gronbl.				+			
Cosmarium granatum Breb.	+	+	+	+	+	+	
Cosmarium granatum var. subgranatum Nordst	+	+	+			+	
Cosmarium hammeri Reinsch.	+	+		+	+	+	
Cosmarium hexalobum Nordst	+	+					
Cosmarium holmiense Lund.	+						
Cosmarium holmiense var. humile (Gay)Nordst.	+					+	
Cosmarium holmiense var. integrum Lund.	+	+					
Cosmarium homalodermum Nordst.	+		+				
Cosmarium humile Nordst. Ex De Toni		+	+			+	
Cosmarium humile var. glabrum Gutw.		+					
Cosmarium humile var. striatum (Boldt)Schmidle		+					
Cosmarium impressulum Elfv.	+	+	+	+	+	+	
Cosmarium impressulum var. suborthogonum (Raciborski) Taft				+		+	
Cosmarium incertum var. borei Krieg.et Gerloff				+			
Cosmarium inconspicuum W. et G.S.West		+					
Cosmarium isthmium W.West		+	+			+	
Cosmarium isthmochondrum Nordst.		+	+	+	+		
Cosmarium jenisejense Boldt.	+				+		
Cosmarium kjellmanii Wille var. ornatum Wille		+					
Cosmarium laeve Rabenh.		+		+		+	
Cosmarium laeve var. westii Willi Krieger & Gerloff	+					+	

Cosmarium lagerheimii Gutv.		+					
Cosmarium lapponicum Borge						+	
Cosmarium lundellii Delp.		+					
Cosmarium lundellii var. corruptum Delp.(Turn.)W.et G.S.West	+						
Cosmarium lundellii var. ellipticum West	+						
Cosmarium margaritatum (Lund.)Roy et Biss.	+	+	+		+	+	
Cosmarium margaritifera Menegh. ex Ralfs		+	+		+	+	
Cosmarium meneghinii Breb. ex Ralfs	+	+	+	+	+	+	
Cosmarium microsphinctum Nordst	+			+			
Cosmarium minimum W.et G.S.West				+			
Cosmarium moniliforme (Turp.)Ralfs		+					
Cosmarium moniliforme f. panduriforme Heimerl		+					
Cosmarium monomazum Lund. var. polymazum Nordst.		+					
Cosmarium nasutum f. granulatum Nordst	+		+				
Cosmarium nasutum Nordst	+	+	+				
Cosmarium nitidulum De Not.		+				+	
Cosmarium norimbergense Reinsch					+		
Cosmarium norimbergense var. depressum (West & G.S.West) Willi Krieger & Gerloff					+		
Cosmarium notabile Breb.	+	+					
Cosmarium notabile var. heterocrenatum (W.et G.S.West)Krieg.	+	+					
Cosmarium novae-semiliae var. sibiricum Boldt.	+						
Cosmarium novae-semiliae Wille	+		+	+		+	
Cosmarium obliquum f. major Nordst.		+					
Cosmarium obliquum Nordst	+	+	+	+			
Cosmarium obsoletum (Hantzsch.)Heinsch.			+			+	
Cosmarium obtusatum Schmidle		+	+				
Cosmarium obtusatum var. minus Kissel.		+					
Cosmarium ocellatum Eichl. et Gutw.		+					
Cosmarium ochthodes Nordst	+		+	+	+	+	
Cosmarium ochthodes var. amoebum W.West	+	+				+	
Cosmarium ochtodes Nordst.		+					
Cosmarium orbiculatum Ralfs							+
Cosmarium ornatum Ralfs	+	+	+		+	+	
Cosmarium orthostichum Lund.		+					
Cosmarium ovale Ralfs		+	+				
Cosmarium pachydermum Lund.	+	+	+				
Cosmarium paraganatoides Skuja			+				
Cosmarium perforatum Lund.		+					
Cosmarium perforatum Lund. var. rotundatum Gronbl.		+					
Cosmarium phaseolus Breb.	+	+	+		+	+	
Cosmarium phaseolus f. minor Boldt.						+	
Cosmarium phaseolus var. elevatum Nordst.		+					
Cosmarium phaseolus var. minus Boldt		+		+			
Cosmarium pocornyanum (Grun.)W.et G.S.West	+					+	
Cosmarium podolicum Gutw.		+					
Cosmarium pokornyanum (Grun.)W. et G. S. West		+	+				
Cosmarium polygonum (Nag.)Arch.						+	
Cosmarium portianum Arch.		+	+			+	
Cosmarium portianum var. nephroideum Witttr.		+					

Cosmarium praecisum Borge				+			
Cosmarium praegrande Lund.		+	+				
Cosmarium praemorsum Breb.	+	+					
Cosmarium prominulum Racib. var. subundulatum W. et G.		+					
Cosmarium protractum (Nag.)De Bary		+	+			+	
Cosmarium protuberans Lund.		+					
Cosmarium protumidum Niordst.	+		+				
Cosmarium pseudoamoenum Wille		+					
Cosmarium pseudoarctoum Nordst.						+	
Cosmarium pseudobroomei Wolle		+	+			+	
Cosmarium pseudoconnatum Nordst.		+					
Cosmarium pseudoexiguum Racib.		+					
Cosmarium pseudoholmii Borge	+	+				+	
Cosmarium pseudonitidulum Nordst. var. validum W.et G.S.West		+					
Cosmarium pseudopachyrhynchum Gronbl.?		+					
Cosmarium pseudoprotuberans Kirchn.	+					+	
Cosmarium pseudoprotuberans var. kossinskajae Krieg.et Gerloff	+						
Cosmarium pseudoprotuberans var. sulcatum (Nordstedt) Coesel		+					
Cosmarium pseudopyramidatum Lund.	+	+	+			+	
Cosmarium pseudoretusiforme Gronb.			+				
Cosmarium pulcherrimum var. boreale Nordst.	+						
Cosmarium punctulatum Breb.	+	+	+		+	+	
Cosmarium punctulatum Breb. var. mediolaeve Gronbl.		+					
Cosmarium punctulatum var. rotundatum Klebs				+			
Cosmarium punctulatum var. subpunctulatum (Nordst.)Borg.	+	+		+	+	+	
Cosmarium pycnochondrum Nordst	+						
Cosmarium pygmaeum Arch.	+	+	+		+	+	
Cosmarium pyramidatum Breb. ex Ralfs		+	+			+	
Cosmarium quadratum (Gay)De Tony		+	+			+	
Cosmarium quadratum Ralfs	+	+	+		+	+	
Cosmarium quadratum var. willei (Schmidle) Willi Krieger & Gerloff	+	+	+			+	
Cosmarium quadrifarium Lund.	+	+				+	
Cosmarium quadrum Lund.		+	+			+	
Cosmarium quadrum var. minus Nordst		+					
Cosmarium quinarium Lund.		+					
Cosmarium raciborskii Lagerh.		+					
Cosmarium ralfsii Breb. ex Ralfs		+				+	
Cosmarium rectangulare Grun.		+	+	+		+	
Cosmarium regnellii var. montanum Reinsch Schmidle						+	
Cosmarium regnellii Wille		+		+	+	+	
Cosmarium regnesii Reinsch		+					
Cosmarium regnesii var. polonicum (B.Eichler & Gutwinski) Compère		+					
Cosmarium regulare Schmidle		+				+	
Cosmarium reniforme (Ralfs)Arch.	+	+	+	+	+	+	
Cosmarium reniforme var. apertum W. et G.S.West						+	
Cosmarium reniforme var. compressum Nordst.		+				+	
Cosmarium repandum var. minus (West & G.S.West) Willi Krieger & Gerloff						+	
Cosmarium retusiforme Gutwinsk.		+					
Cosmarium retusum (Pert.)Rabenh. var. inaequalipellicum W et G.S.West		+					

Cosmarium saxicolum Kaiser		+					
Cosmarium schirschowii Kossinsk.	+						
Cosmarium schroederi Gronbl.		+					
Cosmarium scoticum W.et G.S.West	+						
Cosmarium sexangulare Lund.							+
Cosmarium sexnotatum Gutw.							+
Cosmarium simplicius Gronbl.		+					
Cosmarium solidum Nordst	+						
Cosmarium speciosum Lund.	+		+				+
Cosmarium speciosum var. biforme Nordst	+						+
Cosmarium speciosum var. simplex Nordst.	+						+
Cosmarium sphagnicola W.et G.S.West							+
Cosmarium striolatum (Nageli)W.Archer			+				
Cosmarium subalatum W. et G.S.West			+				+
Cosmarium subarctoum (Lagerh.)Racib	+	+	+		+		
Cosmarium subcostatum Nordst.	+						+
Cosmarium subcostatum var. minus (West & G.S.West) Kurt Föster		+					
Cosmarium subcrenatum Hantsch.	+	+	+		+	+	
Cosmarium subspeciosum Nordst	+		+				+
Cosmarium subcucumis Schmidle	+	+	+				+
Cosmarium subexcavatum W.et G.S.West	+						+
Cosmarium subimpessulum Borge							+
Cosmarium subprotumidum Nordst.		+	+	+	+	+	
Cosmarium subprotumidum var. bigranulatus Anderson							+
Cosmarium subprotumidum var. gregorii (Roy et Biss)W. et G.S.West		+					+
Cosmarium subquadrans W.et G.S.West				+			
Cosmarium subquadratum Nordst.							+
Cosmarium subquasillus Boldt.	+						
Cosmarium subrectangulare Gutw.				+			
Cosmarium subspeciosum Nordst.		+					
Cosmarium subtumidum Nordst.	+	+	+				+
Cosmarium subtumidum Nordst. var. contractum Kirchn.		+					
Cosmarium subundulatum Wille	+	+	+				+
Cosmarium tetragonum (Nag.)Arch.			+				+
Cosmarium tetraophthalmum Breb.	+	+	+				+
Cosmarium tinctum Ralfs		+	+				+
Cosmarium tinctum var. intermedium Nordst.							+
Cosmarium tinctum var. succisum (West & G.S.West) West & G.S.West					+		
Cosmarium trachyleurum Lund.				+			
Cosmarium trachyleurum var. minus Lund.Racib.		+					+
Cosmarium trilobulatum Reinsch.							+
Cosmarium trilobulatum var. depressum Printz.				+			+
Cosmarium truncatellum Perty			+		+		
Cosmarium tumidum Lund.		+	+				+
Cosmarium turpinii Breb.	+	+	+	+	+	+	
Cosmarium turpinii var. eximium W. et G.S.West		+					
Cosmarium turpinii var. podolicum Gutw.		+					
Cosmarium umbilicatum Lutkem.		+					
Cosmarium undulatum Corda	+	+	+		+	+	
Cosmarium undulatum var. minutum Wittr.		+					

Cosmarium undulatum var. wollei West				+			
Cosmarium ungerianum (Nageli)De Bary			+				
Cosmarium usmense Skuja		+					
Cosmarium varsoviense (Grönblad)Willi var. latum Krieger& Gerloff		+					
Cosmarium venustum (Breb.)Arch.		+	+	+	+	+	
Cosmarium venustum var. excavatum (Eichl.et Gutw.)W.et G.S.West		+		+			
Cosmarium venustum var. minus (Wille) Willi Krieger & Gerloff		+		+	+		
Cosmarium venustum (Breb.)Arsh. var. unduratum Nordst.		+					
Cosmarium vexatum W.West		+	+		+	+	
Cosmarium vogesiacum Lemaire		+					
Cosmarium wittrockii Lund.		+					
Cosmoastrum alternans (Breb.)Pal.-Mordv.	+	+	+				+
Cosmoastrum botrophilum (Wolle)Pal.-Mordv.		+					
Cosmoastrum brebissonii (Arch.)Pal.-Mordv.	+	+	+				+
Cosmoastrum breviaculeatum (G.M.Smith)Pal.-Mordv.	+		+	+			+
Cosmoastrum cedercreutzii (Gronbl.)Pal.-Mordv.		+					
Cosmoastrum dilatatum (Ehr.)Pal.-Mordv.		+	+				+
Cosmoastrum dispar (Breb.)Pal.-Mordv.	+	+					+
Cosmoastrum disputatum (W. et G.S.West) Pal.-Mordv. var. sinense (Lutkem.)Pal.-Mordv.		+					
Cosmoastrum echinatum (Breb.)Pal.-Mordv.		+					+
Cosmoastrum erasum (Breb.)Pal.-Mordv.		+					
Cosmoastrum gladiusum (Turn.)Pal.-Mordv.		+	+				+
Cosmoastrum hirsutum (Ehr.)Pal.-Mordv.	+	+					+
Cosmoastrum hystrix (Ralfs)Pal.-Mordv.		+					
Cosmoastrum lapponicum (Schmidle)Pal.-Mordv.	+	+	+				+
Cosmoastrum maamense (Arch.)Pal.-Mordv.		+					
Cosmoastrum muricatum (Breb.)Pal.-Mordv.	+	+					+
Cosmoastrum muticum (Breb.)Pal.-Mordv.	+	+	+		+		+
Cosmoastrum orbiculare (Ralfs)Pal.-Mordv.		+	+				+
Cosmoastrum orbiculare var. depressum (Roy et Biss)Pal.-Mordv.		+	+				+
Cosmoastrum orbiculare (Ralfs)Pal.-Mordv.var. ralfsii (Ralfs)Pal.-Mordv.		+					
Cosmoastrum polonicum (Racib.)Pal.-Mordv.	+						+
Cosmoastrum polytrichum (Perty)Pal.-Mordv.	+	+					+
Cosmoastrum punctulatum (Breb.)Pal.-Mordv.	+	+	+	+			+
Cosmoastrum punctulatum var. kjellmanii (Wille)Pal.-Mordv.	+	+					+
Cosmoastrum punctulatum var. pygmaeum (Breb.)Pal.-Mordv.	+	+					+
Cosmoastrum punctulatum var. striatum (W.et G.S.West)Pal.-Mordv.	+	+		+			+
Cosmoastrum pyramidatum (W.West)Pal.-Mordv.		+	+				
Cosmoastrum retusum (Turn.)Pal.-Mordv.	+			+			+
Cosmoastrum scabrum (Breb.)Pal.-Mordv.		+					
Cosmoastrum setigerum (Cl.)Pal.-Mordv.		+					
Cosmoastrum striolatum (Nag.)Arch.		+					+
Cosmoastrum suborbiculare (W.et G.S.West)Pal.-Mordv.	+						
Cosmoastrum subscabrum (Nordst.)Pal.-Mordv.							+
Cosmoastrum teliferum (Ralfs)Pal.-Mordv.		+	+				+
Cosmoastrum tristichum (Elfv.)Pal.-Mordv.			+				
Cosmoastrum turgescens (De Not.)Pal.-Mordv.	+	+	+				+
Cosmocladium constrictum (W.Arch.)W.Arch.			+				
Cosmocladium pulchellum Breb.			+				

Cosmocladium pusillum Hilse			+				
Cosmocladium saxonicum De Bary		+	+				
Cylindriastrum acarides (Nordst)Pal.-Mordv.	+		+				
Cylindriastrum capitulum (Breb.)Pal.-Mordv.		+					
Desmidium aptogonum Breb. ex Kütz		+	+				+
Desmidium aptogonum var. acutius Nordst.		+					
Desmidium asymmetricum Gronbl.		+	+				
Desmidium baileyi (Ralfs)Nordst	+			+			
Desmidium baileyi (Ralfs)Nordst. var. caelatum (Kirchn.)Nordst.		+					
Desmidium coarctatum Nordst.		+	+				
Desmidium grevillei (Kutz.ex Ralfs)De Bary		+	+				+
Desmidium swartzii Ag. ex Ralfs		+	+		+	+	
Docidium baculum Breb. ex Ralfs		+	+				
Docidium undulatum Bail.		+	+				
Docidium undulatum var. dilatatum (Cl.)W.et G.S.West		+					
Euastrum affine Ralfs		+					+
Euastrum ampullaceum Ralfs		+					
Euastrum ansatum (Ehr.)Ralfs.	+	+	+				+
Euastrum ansatum f. subrhomboidale Kossinsk.		+					
Euastrum ansatum var. pyxidatum Delp.		+					
Euastrum ansatum var. rhomboidale Ducell		+					+
Euastrum bidentatum f. minus (Elenk.)Kossinsk.					+		
Euastrum bidentatum f. triquetrum Gronbl.		+					
Euastrum bidentatum Nag.	+	+	+		+	+	
Euastrum bidentatum var. planum Turn.	+			+	+		
Euastrum bidentatum var. rostratum (Ralfs)Kossinsk.		+					+
Euastrum binale (Turp.)Ehr.	+	+	+		+	+	
Euastrum binale f. tumoriferum Kossinsk.	+						
Euastrum binale var. gutwinskii (Schmidle) Homfeld		+	+				+
Euastrum binale var. hians (West) Willi Krieger		+					
Euastrum binale var. minus (West) Willi Krieger		+					+
Euastrum binale var. papilliferum Gutw.							+
Euastrum binale var. sectum (W.B.Turner) Willi Kreiger		+	+				+
Euastrum boldtii Schmidle		+					
Euastrum crassicole f. dentiferum Nordst.	+						
Euastrum crassicole Lund.	+				+	+	
Euastrum crassum f. isthmi-karelici Kossinsk.		+					
Euastrum crassum Ralfs	+	+	+				
Euastrum cuneatum Jenn.	+		+				+
Euastrum cuneatum var. subansatum W.Krieg.	+		+				+
Euastrum denticulatum (Kirchn.)Gay	+	+	+				+
Euastrum didelta (Turp.)Ralfs	+	+	+				+
Euastrum dissimile (Nordst)Schmidle	+	+	+				+
Euastrum dissimile var. lapponicum Gronbl.	+	+					
Euastrum divaricatum Lund.		+	+				
Euastrum dubium Nag.	+	+	+	+	+	+	
Euastrum dubium var. snowdoniense (Turn.)W.et G.S.West	+				+	+	
Euastrum elegans Ralfs	+	+	+	+	+	+	
Euastrum elegans var. novae-semlicae Wille	+	+			+		
Euastrum elegans var. pseudelegans (Turn.)W.et G.S.West		+					

Euastrum gayanum De Toni		+				+	
Euastrum gemmatum Ralfs	+	+		+		+	
Euastrum gemmatum var. alatum Kossinsk.		+	+			+	
Euastrum germanicum (Schmidle)Krieg.		+					
Euastrum humerosum Ralfs		+				+	
Euastrum inerme (Ralfs)Lund.		+					
Euastrum insigne Hass. ex Ralfs		+	+				
Euastrum insulare (Witr.)Roy		+	+		+	+	
Euastrum intermedium Cleve		+	+			+	
Euastrum jenneri Arch.		+					
Euastrum jenneri f. polonicum (Racib.)Kossinsk.		+					
Euastrum lapponicum Schmidle					+		
Euastrum luetkemuelleri Ducell.		+					
Euastrum montanum W.et G.S.West		+					
Euastrum obesum Josh			+			+	
Euastrum oblongum (Grev.)Ralfs		+	+			+	
Euastrum pectinatum Ralfs		+	+				
Euastrum pinnatum Ralfs		+	+			+	
Euastrum pulchellum Breb.	+	+	+			+	
Euastrum pulchellum var. retusum W.et G.S.West		+					
Euastrum sibiricum Boldt.							+
Euastrum sibiricum Boldt f. exsectum Gronbl.		+					
Euastrum sinuosum Lenorm. ex W.Archer	+	+	+			+	
Euastrum spetsbergense (Nordst.)W.Krieg.	+						
Euastrum subalpinum Mess.		+				+	
Euastrum sublobatum Breb.						+	
Euastrum tetralobum Nordst.	+						
Euastrum turneri W.West		+				+	
Euastrum valdajence Kossinsk.	+						
Euastrum validum var. glabrum W.Krieg		+					
Euastrum validum W.et G.S.West		+				+	
Euastrum ventricosum Lund.		+					
Euastrum verrucosum Ehr. ex Ralfs		+	+			+	
Euastrum verrucosum f. porsoloviense V. Poljansk.		+					
Euastrum verrucosum Wolle var. alatum f. minus (Lobik)Kossinsk.		+					
Euastrum verrucosum var. porsoloviense Polansk.	+						
Euastrum verrucosum Lund. var. rhomboideum f. pterygoideum Huber-Pest.		+					
Euastrum verrucosum var. rhomboideum Lund.						+	
Euastrum virgense Rypp.						+	
Haplotaenium minutum (Ralfs)Bando	+	+	+	+		+	
Haplotaenium minutum var. crassum (West) Cambra		+					
Haplotaenium minutum var. elongatum (West) Bando		+					
Haplotaenium minutum var. gracile (Wille) Bando		+					
Haplotaenium rectum (Delponte) Bando		+	+			+	
Hyalotheca dissiliens (Smith)Breb.	+	+	+	+		+	
Hyalotheca mucosa (Mert.)Ehr. f. undulata W. West		+					
Hyalotheca mucosa Ralfs			+			+	
Micrasterias americana (Ehr.)Ralfs		+	+			+	
Micrasterias americana var. boldtii Gutw.		+					
Micrasterias apiculata (Ehr.)Menegh.		+	+				

Micrasterias brachyptera Lund.		+				+	
Micrasterias conferta Lund.		+					
Micrasterias crux-melitensis var. protuberans Gronbl.		+			+		
Micrasterias crux-melitensis var. superflua W.B.Turner		+	+		+		
Micrasterias decemdentata (Nag.)Arch.	+	+			+		
Micrasterias denticulata Breb. ex Ralfs		+	+		+	+	
Micrasterias denticulata var. angulosa (Hantzsch)W.et G.S.West		+					
Micrasterias fimbriata f. spinosa (Biss.)Croasd.					+		
Micrasterias fimbriata Ralfs	+	+			+	+	
Micrasterias furcata Ralfs.						+	
Micrasterias jenneri Ralfs.		+					
Micrasterias magabuleshwariensis Hobs.							+
Micrasterias mahabuleshwariensis var. europea (Nordst.)Krieg.		+					
Micrasterias mahabuleshwariensis var. wallichii (Grun.)W. et G.West		+					
Micrasterias papillifera Breb. ex Ralfs		+	+			+	
Micrasterias papillifera f. murrayi (W.et G.S.West)Kossinsk.		+					
Micrasterias papillifera var. glabra Nordst.		+				+	
Micrasterias pinnatifida (Kutz.)Ralfs		+	+			+	
Micrasterias pinnatifida f. inflata (Wolle)Croasdale		+					
Micrasterias pinnatifida var. pseudoscitans Gronbl.		+					
Micrasterias radiata var. dichotoma (Wolle)Cushm.		+					
Micrasterias radiata var. pseudocrus Gronbl.					+		
Micrasterias radiata West & G.S.West		+	+		+		
Micrasterias radiosa Ralfs		+	+			+	
Micrasterias rotata (Grev.)Ralfs		+	+			+	
Micrasterias sol f. ornata (Nordst.)Kossinsk.		+					
Micrasterias thomasiana Arch.		+	+			+	
Micrasterias thomasiana var. notata (Nordst.)Gronbl.		+					
Micrasterias truncata (Corda)Breb.		+	+		+	+	
Micrasterias truncata f. semiradiata (Nag.)Kossinsk.		+					
Micrasterias truncata var. crenata (Breb.)Reinsch.		+					
Micrasterias truncata var. quadrata Bulnh.		+					
Octacanthium controversum (West & G.S.West) Compère		+	+			+	
Pachyphorium obsoletum (Hantzsch)Pal.-Mordv.	+	+					
Pachyphorium pseudotaxichondrum (Nordst)Pal.-Mordv.	+						
Pachyphorium woronichinii (Kossinsk.)Pal.-Mordv.	+						
Pleurotaenium baculoides (Roy et Biss)Playf.							+
Pleurotaenium baculoides (Roy et Biss.)Playf. var. brevius (Skuia)Krieg.		+					
Pleurotaenium coronatum (Breb.)Rabenh.		+	+		+	+	
Pleurotaenium coronatum f. pseudofluctuatum Kossinsk.		+					
Pleurotaenium coronatum var. fluctuatum West		+					
Pleurotaenium coronatum var. nodulosum (Breb.)W.West		+			+		
Pleurotaenium crenulatum (Ehr. ex Ralfs)Rabenh.		+					
Pleurotaenium ehrenbergii (Ralfs) Delp.	+	+	+		+	+	
Pleurotaenium ehrenbergii var. elongatum W.West.			+			+	
Pleurotaenium ehrenbergii (Breb.)de Bary var. undulatum Schaarchm.		+					
Pleurotaenium eugeneum (Turn.)W.et G.S.West f. silesiacum Gronbl.		+					
Pleurotaenium eugeneum var. basiannulatum (Gronbl.)Krieg.		+					
Pleurotaenium eugenium (Turn.)W.et G.S.West							+
Pleurotaenium maximum Reinsch.						+	

Pleurotaenium minutum f. minus (Racib.)Kossinsk.		+					
Pleurotaenium minutum var. latum Kaiser		+					
Pleurotaenium minutum var. minus (Racib.)Krieg.		+					
Pleurotaenium minutum var. rectissimum (W.et G.S.West)W.Krieg.							+
Pleurotaenium nodosum (Bailey ex Ralfs)Lund.		+	+				
Pleurotaenium nodosum f. borgei (Bail.)Lund.Gronbl		+	+				
Pleurotaenium rufescens Cl. f. longius Kossinsk.		+					
Pleurotaenium simplicissimum Gronbl.				+	+		
Pleurotaenium trabecula (Ehr.)Nag.	+	+	+	+	+	+	
Pleurotaenium trabecula f. clavata (Kutz.)W.et G.S.West		+					
Pleurotaenium trabecula f. crassum Wittr.		+					+
Pleurotaenium trabecula f. culvatum (Kutz.)W.et G.S.West		+	+	+	+		
Pleurotaenium truncatum (Breb.)Nag.	+	+			+	+	
Raphidiastrum avicula (Breb.)Pal.-Mordv.	+	+					+
Raphidiastrum avicula var. subarcuatum (Wolle)Pal.-Mordv.	+	+					+
Raphidiastrum bifidum (Ehr.)Pal.-Mordv.							+
Raphidiastrum brasiliense (Nordst.)Pal.-Mordv.		+					
Raphidiastrum brasiliense (Nordst.)Pal.-Mordv. var. lundellii (W.et G. S.West)Pal.-Mordv.		+					
Raphidiastrum cristatum (Nag.)Pal.-Mordv.		+	+		+		
Raphidiastrum geminatum (Nordst.)Pal.-Mordv.		+					
Raphidiastrum granulatum (Ehr.)Pal.-Mordv.		+					+
Raphidiastrum longispinum (Bail.)Pal.-Mordv.		+					
Raphidiastrum lunatum (Ralfs)Pal.-Mordv.	+	+	+		+	+	
Raphidiastrum lunatum var. planctonicum (W.et G.S.West)Pal.-Mordv.	+	+	+				+
Raphidiastrum monticulosum (Breb.)Pal.-Mordv.							+
Raphidiastrum pungens (Breb.)Pal.-Mordv.		+					
Raphidiastrum quadrangulare (Breb.)Pal.-Mordv.		+					
Raphidiastrum quadrispinatum (Turn.)Pal.-Mordv.		+					
Raphidiastrum simonii (Hermerl)Pal.-Mordv.		+					+
Raphidiastrum trifidum (Nordst.)Pal.-Mordv.	+			+	+		
Roya anglica G.S.West		+					
Roya cambrica W.et G.S.West		+					
Roya closterioides Gronbl.?		+					
Roya obtusa (Breb.)W.et G.S.West.		+	+				
Roya pseudoclosterium (Roy)W.et G.S. West		+					
Sphaerosma aubertianum var. undulatum Pal.-Mordv.					+		
Sphaerosma aubertianum W.West			+				+
Sphaerosma commiscuum (Skuja)Palamar-Mordvintzeva			+				
Sphaerosma filiforme Ralfs			+				
Sphaerosma vertebratum (Breb.)Ralfs		+	+				+
Spondylosium ellipticum W. et G.S.West			+				+
Spondylosium moniliforme Lund.							+
Spondylosium papillosum W.et G.S.West	+	+		+			+
Spondylosium planum (Wolle)W.et G.S.West	+	+	+	+	+		+
Spondylosium planum f. trigonum V. Poljansk.		+					
Spondylosium pulchellum Arch.	+	+	+	+			+
Spondylosium pulchrum (Bailey)Arch.			+				+
Spondylosium pygmaeum (Cooke)W.West		+	+				
Spondylosium pygmaeum (Cooke)W.West var. monile (Turn.)W.et G.S.West		+					

Spondylosium secedens (de Bary)Arch.						+	
Staurastrum aculeatum (Ehr.)Menegh.	+	+		+			
Staurastrum aculeatum var. ornatum Nordst.	+						
Staurastrum alternans (Breb.)Ralfs						+	
Staurastrum anaticum Cooke et Wille						+	
Staurastrum anatinum Cooke et Wills		+	+				
Staurastrum anatinum var. [anatinum] f. pelagicum (West & G.S.West) A.J.Brook		+	+				
Staurastrum anatinum Cooke et Wille var. curtum Gronbl.		+					
Staurastrum anatinum var. longibrachiatum W. et G.S.West		+					
Staurastrum anisochondrum Nordst.					+		
Staurastrum arachne Ralfs		+	+				
Staurastrum arachne var. curvatum W. et G.S.West		+					
Staurastrum arctiscon (Ehr.)Lund.	+	+	+	+		+	
Staurastrum arcuatum Nordst.		+					
Staurastrum asteroideum W. West var. ornatum Gronbl.		+					
Staurastrum bacillare Breb. var. obesum Lund.		+					
Staurastrum basidentatum Borge						+	
Staurastrum bicornе Hauptfl. var. quadrifidum Gronbl. f. minor V. Poljansk		+					
Staurastrum bieneanum Rabenh.		+	+				
Staurastrum boreale W.et G.S.West		+				+	
Staurastrum botrophilum Wolle var. minus Woronich.		+					
Staurastrum brachiatum Ralfs		+				+	
Staurastrum brachycerum Breb.		+					
Staurastrum brebissonii Arch.						+	
Staurastrum bulbosum (West) Coesel							+
Staurastrum capitulum var. spetsbergense (Nordstedt) Cooke	+						
Staurastrum cerastes Lund.		+	+				
Staurastrum chaetoceros (Schrod.)G.M.Smith		+					
Staurastrum cingulum (W.et G.S.West)G.M.Smith	+	+		+		+	
Staurastrum clevei (Wittr.)Roy et Biss.		+	+				
Staurastrum controversum Breb.		+					
Staurastrum crenulatum (Nag.)Delp. var. continentale Gronbl.		+					
Staurastrum curvatum f. minus V. Poljansk.		+					
Staurastrum cuspidatum var. divergens (Nordstedt)Coesel		+					
Staurastrum cyrtocerum Breb.		+	+				
Staurastrum dejectum f. majus W. et G.S.West		+					
Staurastrum derjuginii V. Poljansk.		+					
Staurastrum dilatatum (Ehr.)Ralfs						+	
Staurastrum dispar Breb.						+	
Staurastrum duacense W. et G.S.West		+					
Staurastrum ennatum var. planctonicum W. West		+					
Staurastrum erasum Breb.						+	
Staurastrum excavatum W. et G.S.West		+					
Staurastrum faculiferum W. West		+					
Staurastrum forficulatum Lund. f. porsoloviense V. Poljansk.		+					
Staurastrum forficulatum Lund.		+	+			+	
Staurastrum furcatum (Ehr.)Breb.		+	+			+	
Staurastrum furcatum var. aciculiferum (West) P.F.M.Coesel		+		+			
Staurastrum furcigerum (Breb.)W.Archer	+	+	+			+	

Staurastrum furcigerum f. armigerum (Breb.)Nordst.		+					
Staurastrum furcigerum f. eustephana (Ehr.)Nordst.		+					
Staurastrum furcigerum Breb. f. porsoloviense V. Poljansk.		+					
Staurastrum furcigerum Breb. f. eustephanum (Ehr.)Nordst.		+					
Staurastrum gracile Ralfs	+	+	+	+	+	+	
Staurastrum gracile var. coronulatum Boldt		+					
Staurastrum gracile var. cyanthiforme W.et G.S.West		+		+			
Staurastrum gracile var. tenuissimum Boldt		+					
Staurastrum haaboeliense Wille		+					
Staurastrum hexacerum (Ehr.)Witr.		+				+	
Staurastrum inconspicuum Nordst.		+	+			+	
Staurastrum incus (Breb.)Teil.		+					
Staurastrum inflexum Breb.	+	+	+	+		+	
Staurastrum jaculiferum f. biradiata W. West		+					
Staurastrum jaculiferum f. longicornis (Roy)-		+	+				
Staurastrum jaculiferum f. trigono Borg.		+					
Staurastrum jaculiferum f. triradiata W. West		+					
Staurastrum lapponicum (Schmidle)Gronbl.						+	
Staurastrum lapponicum var. ellipticum (Wille) Grönblad		+					
Staurastrum leptacanthum Nordst.	+	+	+	+			
Staurastrum leptocladum Nordst.		+					
Staurastrum leptocladum Nordst. var. cornutum Wille							+
Staurastrum leptodermum f. minus V. Poljansk.		+					
Staurastrum longipes (Nordst.)Teil.		+				+	
Staurastrum longispinum var. bidentatum (Witr.)Cushman						+	
Staurastrum lunatum Ralfs						+	
Staurastrum manfeldtii Delponte		+	+			+	
Staurastrum margaritaceum (Ehr.)Menegh.	+	+				+	
Staurastrum megacanthus (Lund.)Thunm.		+					
Staurastrum merianii Reinsch		+					
Staurastrum micron W. West		+					
Staurastrum monticulosum Breb. var. groenlandicum Gronbl.		+					
Staurastrum mucronatum Ralfs f. minutissimum V. Poljansk.		+					
Staurastrum multiundulatum Gronbl.?		+					
Staurastrum muticum Brébisson ex Ralfs						+	
Staurastrum notator W. West		+					
Staurastrum oblongum Delp.						+	
Staurastrum oligacanthum Breb. var. podlachicum Gronbl.		+					
Staurastrum ophiura Lund.		+	+				
Staurastrum orbiculare Meneghini ex Ralfs						+	
Staurastrum orbiculare var. depresum Roy et Biss.							+
Staurastrum oxyacanthum Arch.	+	+	+	+	+	+	
Staurastrum oxycanthum var. polyacanthum Nordst.				+	+		
Staurastrum paradoxum Meyen.	+	+	+	+	+	+	
Staurastrum paradoxum var. parvum W. West		+					
Staurastrum paradoxum var. tosnense Boloch.		+					
Staurastrum petsamoense Jarnefelt	+		+			+	
Staurastrum pinguens Gronbl.						+	
Staurastrum planctonicum Teil.			+			+	
Staurastrum platycerum Joshua			+				

Staurastrum polymorphum Breb.	+	+	+	+	+	+	
Staurastrum proboscideum (Breb.)Arch.		+	+			+	
Staurastrum pseudocebaldii Wille						+	
Staurastrum pseudopelagicum W et G.S.West var. diplotrinax Boloch.		+					
Staurastrum pseudopelagicum var. trinax Boloch.		+					
Staurastrum pseudopelagicum W.et G.S.West		+					
Staurastrum pseudotetracerum (Nordst.)W. et G.S.West		+					
Staurastrum punctulatum Breb. ex Ralfs						+	
Staurastrum punctulatum f. pulchra Gronbl.?		+					
Staurastrum quadrispinatum Turn.						+	
Staurastrum renardii Reinsch		+					
Staurastrum rotula Nordst.						+	
Staurastrum sebaldii Reinsch.						+	
Staurastrum sebaldii var. productum W. et G.S.West		+					
Staurastrum senarium (Ehr.)Ralfs	+	+				+	
Staurastrum senticosum Gronbl.		+					
Staurastrum sexangulare (Bulnh.)Lund.		+	+			+	
Staurastrum sexcostatum Breb.		+	+				
Staurastrum sexcostatum var. producum W.West	+		+			+	
Staurastrum spiculosum (G.M.Smith)Skott&Gronbl.						+	
Staurastrum spongiosum Breb.	+	+				+	
Staurastrum striolatum (Nag.)Arch.						+	
Staurastrum subavicula W. et G.S.West		+					
Staurastrum subcruciatum Cooke et Wills		+					
Staurastrum tetracerum Ralfs		+	+			+	
Staurastrum tohopekaligense var. trifurcatum W. et G.S. West		+					
Staurastrum tohopekaligense Wolle		+				+	
Staurastrum tosnense (Boloch.)Woronich. f. biradiata Woronich.		+					
Staurastrum tosnense f. triradiata Woronich.		+					
Staurastrum tumidus (Breb.)Teil.		+					
Staurastrum vestitum Ralfs		+	+			+	
Staurastrum vestitum var. subanatinum W. et G.S. West		+					
Staurodesmus angulatus (W.West)Teil.	+						
Staurodesmus aristiferus (Ralfs)Thom.		+					
Staurodesmus aversus (Lund.)Lillier		+					
Staurodesmus brevispina (Breb.) Croasdale	+	+	+	+		+	
Staurodesmus bulnheimii (Raciborski) Round & A.J.Brook		+					
Staurodesmus bulnheimii (Racib.)Brock var. subincus (W.West)Thom.		+					
Staurodesmus clepsidra (Nordst.)Teil.	+						
Staurodesmus connatus (Lund.)Thom.		+	+				
Staurodesmus convergens (Ehr.ex Ralfs)Lilleroth	+	+	+		+	+	
Staurodesmus crassus (W. et G. S. West)		+					
Staurodesmus cuspidatus (Breb.)Teil.	+	+	+	+		+	
Staurodesmus cuspidatus (Breb.)Teil. var. curvatus (W. West)Teil.		+					
Staurodesmus cyrtocerum Breb.				+			
Staurodesmus dejectus (Breb.)Teil.	+	+	+		+	+	
Staurodesmus dejectus var. apicularis (Breb.)Teil.	+	+	+	+	+	+	
Staurodesmus dickiei (Ralfs)Lillier.	+	+	+			+	
Staurodesmus dickiei var. willei (Forst.et Eck.)Teil.	+						
Staurodesmus extensus (Borge)Teil.		+	+	+		+	

Staurodesmus glaber (Ralfs) Teiling						+	
Staurodesmus incus (Hassal ex Ralfs)Teiling			+			+	
Staurodesmus incus var. ralfsii (West)Teil.		+	+				
Staurodesmus indentatus (W.West)Teil.		+	+			+	
Staurodesmus insignis (Lund.)Tail.			+	+	+		
Staurodesmus jaculiferus (West) Teiling		+	+				
Staurodesmus lanceolatus (Arch.)Croasdale			+				
Staurodesmus leptodermus (Lund.)Teil.		+	+				
Staurodesmus mamillatus (Nordst.)Teil.						+	
Staurodesmus mamillatus var. maximus (West) Teiling		+					
Staurodesmus megacanthus (Lund.)Thunm.	+	+	+	+		+	
Staurodesmus megacanthus (Lund.)Thunm. var. scoticus (W.West)Lillier		+					
Staurodesmus mucronatus (Ralfs)Croasd.		+				+	
Staurodesmus mucronatus var. subtriangularis (W.et G.S.West)Croasd		+				+	
Staurodesmus pachyrhynchus (Nordst.)Tail.	+						
Staurodesmus pachyrhynchus (Nordst.)Teil.	+						
Staurodesmus pachyrhynchus var. ellipticus (Skuja)Teil.	+						
Staurodesmus patens (Nordst.)Croasd.						+	
Staurodesmus phimus (Turn.)Thom.				+			
Staurodesmus phimus var.occidentalis f. minimissim (Prescott et Scott)Teil				+			
Staurodesmus sellatus Teil.			+			+	
Staurodesmus sibiricus (Borge)Croasd.	+						
Staurodesmus spetsbergensis (Nordst.)Teil.	+	+				+	
Staurodesmus spetsbergensis var. Florinia Teil.			+			+	
Staurodesmus subpygmaeus (West)Croasdale			+			+	
Staurodesmus subulatus (Kutz.)Thom.		+				+	
Staurodesmus subulatus var. subaequalis (W.West)Thom.						+	
Staurodesmus triangularis (Lagerh.)Teil.		+	+			+	
Staurodesmus tumidus (Breb.)Teil.		+	+				
Teilingia excavata (Ralfs)Bourr.	+	+	+			+	
Teilingia granulata (Roy et Biss.)Bourr.		+	+	+		+	
Teilingia quadrispinata (Scott et Gronbl.)Bourr.						+	
Teilingia spinulosa (Delp.)Bourr.			+				
Teilingia trangukata (Roy et Biss.)Bourr.	+					+	
Teilingia wallichii (Jacobs.)Bourr.	+		+	+			
Teilingia wallichii var. anglica (W.et G.S.West)Pal.-Mordv.			+	+			
Tetmemorus brebissonii (Menegh.)Ralfs.	+	+	+			+	
Tetmemorus brebissonii f. minor (de Bary)Kossinsk.		+	+				
Tetmemorus granulatus (Breb.)Ralfs		+	+				
Tetmemorus laevis (Kutz.)Ralfs	+	+	+				
Tetmemorus minutus De Bary		+					
Triploceras eracile Bail.		+					
Triploceras gracile Bail.			+				
Triploceras gracile f. kowdence Roll.		+					
Xanthidium acanthophorum Nordst.		+					
Xanthidium aculeatum Ehr.ex Ralfs		+	+				
Xanthidium antilopaeum (Breb.)Kurz.	+	+	+	+	+	+	
Xanthidium antilopaeum (Breb.)Kutz. f. pelagica Boloch		+					
Xanthidium antilopaeum f. pseudopolymazum Kossinsk.		+					
Xanthidium antilopaeum var. dimasum Nordst.		+					

Xanthidium antilopaeum var. dimazum Nordst.	+	+	+	+	+		
Xanthidium antilopaeum var. hebridarum W.et G.S.West		+					
Xanthidium antilopaeum var. laeve Schmidle		+	+		+		
Xanthidium antilopaeum var. minneapolisenes Wolle		+					
Xanthidium antilopaeum var. planum Roll		+					
Xanthidium antilopaeum var. polymazum Nordst.		+	+		+	+	
Xanthidium armatum Brébisson ex Ralfs		+	+			+	
Xanthidium armatum var. cervicone W.G.at S.West						+	
Xanthidium bifidum (Breb.)Pal.-Mordv. var. truncatun (W. West)Pal.-Mordv.		+					
Xanthidium controversum W. et G. S.West var. planctonicum W. et G. S.West		+					
Xanthidium cristatum Breb. ex Ralfs	+	+	+			+	
Xanthidium cristatum var. delpontei Roy et Biss.		+					
Xanthidium cristatum var. leiodermum (Roy et Biss.)Turn.		+					
Xanthidium cristatum var. uncinatum Breb. ex Ralfs		+	+			+	
Xanthidium fasciculatum Ehr. ex Ralfs	+	+	+			+	
Xanthidium octocorne Ehr. Ex Ralfs						+	
Xanthidium pseudobengalicum Gronbl.		+					
Xanthidium smithii Arch.					+	+	
Xanthidium smithii var. octocorne Ahr.(Ehr.)Pal.-Mordv.	+	+	+		+	+	
Xanthidium smithii var. octocorne f. impar (Jacobs.)Pal.-Mordv.	+			+		+	
Xanthidium sp.						+	
Gonatozygaceae							
Genicularia eleeans W.et G.S.West		+					
Genicularia elegans W.et G.S.West							+
Genicularia spirotaenia de Bary		+	+			+	
Gonatozygon aculeatum Hastings		+	+				
Gonatozygon brebissonii de Bary	+	+	+		+	+	
Gonatozygon brebissonii var. kjellmanii (Wille)Raciborski			+				
Gonatozygon kinahani (Arch.)Rabenh.		+					
Gonatozygon kinahani var. majus Taylor		+					
Gonatozygon kinahanii (Arch.)Rabenh.		+	+			+	
Gonatozygon kjelmanii Wille							+
Gonatozygon monotaenium de Bary		+	+	+	+	+	
Gonatozygon monotaenium var. jacutica Komar.et Vasil.	+				+		
Gonatozygon monotaenium var. pilosellum Nordst.						+	
Peniaceae							
Penium cylindrus (Ehr.)Breb.	+	+	+	+		+	
Penium exiguum W. West var. expansum (Playf.)Krieg.		+					
Penium exiguum W.West							+
Penium margaritaceum (Erh.)Breb.	+	+	+			+	
Penium polymorphum Perty		+	+			+	
Penium spirostriolatum Barker		+	+	+		+	
Zygnematales							
Mesotaeniaceae							
Cylindrocystis brebissonii (Ralfs)De Bary		+	+			+	
Cylindrocystis brebissonii f. minor (W.et G.S.West)Kossinsk.		+	+			+	
Cylindrocystis brebissonii var. turgida Schmidle		+	+			+	
Cylindrocystis crassa de Bary	+	+	+			+	

Mesotaenium caldariorum (Lagerh.)Hansg.		+					
Mesotaenium chlamydosporum de Bary		+					
Mesotaenium chlamydosporum var. violascens (De Bary)W.Krieg		+					
Mesotaenium degreyi f. breve (W.West)Kossinsk.							+
Mesotaenium endlicherianum Nag.			+				
Mesotaenium kramstai Lemmermann			+				
Mesotaenium macrococcum (Kutz.)Roy et Biss.		+	+				
Mesotaenium mirificum Arch.			+				
Netrium digitus (Ehr.)tzigs.et Rothe	+	+	+				+
Netrium digitus f. curtum (Anderss.)Kossinsk.		+					
Netrium digitus f. elegans Kossinsk.		+					
Netrium digitus f. latum (Hust.)Kossinsk.		+					
Netrium digitus f. parvum Borge		+					
Netrium digitus f. rhomboideum (Gronbl.)Kossinsk.		+					
Netrium digitus var. lamellosum (Breb.)Gronbl.		+	+				+
Netrium digitus var. latum (Hust.)Kossinsk.		+	+				
Netrium interruptum f. minnus (Borge)Kossinsk.	+						+
Netrium interruptum var. minus Borge		+					
Netrium nagelii (Breb.)W.et G.S.West		+					
Netrium oblongum (de Bary)Lutkem		+	+				+
Netrium oblongum f. brevius (W. West)Kossinsk.		+					
Netrium oblongum var. cylindricum W. et G.S.West		+					
Planotaenium interruptum (Bréb. ex Ralfs) Petlovany & Pal.-Mordv.	+	+	+				+
Spirotaenia condensata Breb.	+	+					+
Spirotaenia trabeculata A.Br.		+					
Spirotaenia turfosa W.et G.S.West		+					
Tortitaenia obscura (Ralfs)A.J.Brook		+					
Zygnemataceae							
Mougeotia elegantula Wittr.		+					
Mougeotia genuflexa (Roth)C.Ag.		+	+				
Mougeotia laetevirens (A.Br.)Wittr.	+	+		+	+	+	
Mougeotia laevis (Kiitz.)Arch.		+					
Mougeotia notabilis Hass.					+		
Mougeotia parvula Hass.				+			
Mougeotia robusta (de Bary)Wittr.							+
Mougeotia scalaris Hass.			+	+	+		
Mougeotia sp.	+	+	+	+	+	+	
Mougeotia varians (Wittr.)Czurda		+					+
Spirogyra calospora Cleve	+		+				
Spirogyra collicata Hodgetts		+					
Spirogyra communis (Hass.)Kutz.							+
Spirogyra condensata (Vauch.)Czurda							+
Spirogyra crassa (Kutz.)Kutz.		+	+				
Spirogyra decimina (Mull.)Dumortier		+	+				+
Spirogyra decimina (Mull.)Kutz. f. longata (Vauch.)V.Poljansk.		+					
Spirogyra fluviatilis Hilse	+				+		
Spirogyra grevilleana (Hass.)Kutz.			+				
Spirogyra hassalii (Jenner)Petit		+					
Spirogyra hyalina Cl.		+					
Spirogyra inflata (Vaucher) Dumortier		+					

Spirogyra insignis (Hass.)Kutz.	+			+	+		
Spirogyra krubergii V. Poljansk.		+					
Spirogyra lagerheimii Wittr.	+				+		
Spirogyra laxa Kutz.					+		
Spirogyra majuscula Kutz.		+					
Spirogyra maxima (Hass.)Wittr.		+					
Spirogyra maxima f. woronichinii V. Poljansk.		+					
Spirogyra mirabilis (Hass.)Kutz.		+	+				
Spirogyra nitida (Dillw.)Link		+					
Spirogyra parvula (Trans.)Czurda			+				
Spirogyra porticalis (Mull.)Dumortier		+					
Spirogyra pratensis Trans.		+					
Spirogyra protecta (Cleve)Wood				+	+		
Spirogyra punctiformis Trans.							+
Spirogyra reticulata Nordst.		+					
Spirogyra setiformis (Roth)Kutz.		+					
Spirogyra sp.	+	+	+	+	+	+	
Spirogyra subcrassa Woronich.		+					
Spirogyra tenuissima (Hass.)Kutz.	+	+	+		+		
Spirogyra ternata Ripart		+					
Spirogyra varians (Hass.)Kutz.	+	+	+				
Spirogyra weberi Kutz. f. grevilleana (Hass.)V.Poljansk.		+					
Spirogyra weberi Kutz.	+	+				+	
Zygnema cruciatum (Vauch.)Ag.		+				+	
Zygnema insigne Hassall	+			+			
Zygnema leiospermum de Bary							+
Zygnema pectinalis (Vauch.)Ag. et Czurda			+			+	
Zygnema pectinatum (Vauch.)Ag.	+		+	+			
Zygnema peliosporum Wittr.		+	+				
Zygnema ralfzii (Hass.)de Bary	+			+	+		
Zygnema sp.	+	+	+	+	+	+	
Zygnema stellinum (Vauch.)Ag.		+					
Zygnema vaucheri Ag.		+					
Zygonium ericetorum Kutz.		+	+				