

## ANEXO 1

### LISTADO DE DIATOMEAS POR ORDEN ALFBETICO (los números corresponden a los de la base de datos, en negritas se indican los que tienen fotografías o esquemas originales).

- 1 *Achnanthes biasolettiana* (Kützing) Grunow 1880
- 2 *Achnanthes curvirostrum* Brun 1895
- 3 *Achnanthes delicatula* (Kützing) Grunow 1880
- 4 *Achnanthes exigua* Grunow 1880
- 5 *Achnanthes exigua* var. *heterovalvata* Krasske 1923
- 6 *Achnanthes fimbriata* (Grunow) Ross 1963
- 7 *Achnanthes hauckiana* Grunow 1880
- 8 *Achnanthes haynaldii* var. *intermedia* Cleve-Euler 1944
- 9 *Achnanthes lacunarum* Hustedt 1937
- 10 *Achnanthes linearis* (Wm. Smith) Grunow 1880
- 11 *Achnanthes longipes* Agardh 1824
- 12 *Achnanthes manifera* Brun 1895
- 13 *Achnanthes minutissima* Kützing 1833
- 14 *Achnanthes pseudogroelandica* Hendey 1964
- 15 *Achnanthes sublaevis* Hustedt 1936
- 16 ***Actinocyclus curvatulus* Janisch 1878**
- 17 *Actinocyclus ehrenbergii* var. *tenella* (Brébisson) Hustedt 1929
- 18 *Actinocyclus ellipticus* Grunow 1883
- 19 ***Actinocyclus octonarius* Ehrenberg 1838**
- 20 *Actinocyclus octonarius* var. *ralfsii* (Wm. Smith) Hustedt 1930
- 21 ***Actinocyclus octonarius* var. *sparsus* (Gregory) N. I. Hendey 1954**
- 22 *Actinocyclus octonarius* var. *tenellus* (Brébisson) ex Villareal et Fryxell 1983
- 23 ***Actinocyclus subtilis* (Gregory) Ralfs 1861**
- 24 *Actinoptychus arcuifer* Schmidt 1959
- 25 *Actinoptychus aster* Brun 1892
- 26 ***Actinoptychus campanulifer* Schmidt 1882**
- 27 *Actinoptychus irregularis* Grunow 1883
- 28 *Actinoptychus janischii* Grunow 1883
- 29 *Actinoptychus minutus* Greville 1866
- 30 *Actinoptychus nitidus* Grundler 1874
- 31 ***Actinoptychus parvus* Mann 1925**
- 32 ***Actinoptychus senarius* (Ehrenberg) Ehrenberg 1843**
- 33 *Actinoptychus senarius* var. *montereyi* Schmidt 1874
- 34 ***Actinoptychus splendens* (Shadbold) Ralfs 1861**
- 35 *Actinoptychus turgidus* Tempere et Brun 1892
- 36 *Actinoptychus vulgaris* Schuman 1867
- 37 *Actinoptychus vulgaris* var. *octonaria* Frenguelli 1928
- 38 *Alveus marinus* (Grunow) Kaczmarek et Fryxell 1996
- 39 *Amphipleura rutilans* (Trentepohl ex Roth) Cleve 1894
- 40 *Amphora acuta* Gregory 1857
- 41 *Amphora angusta* Ehrenberg 1845
- 42 *Amphora angusta* var. *eulensteinii* (Grunow) Cleve 1895
- 43 *Amphora angusta* var. *ventricosa* (Gregory) Cleve 1895
- 44 *Amphora arenaria* Donkin 1858
- 45 *Amphora aspera* Petit 1877
- 46 *Amphora bigibba* Grunow 1875
- 47 *Amphora bigibba* var. *capitata* Hagelstein 1938
- 48 *Amphora capensis* Schmidt 1875
- 49 *Amphora clara* Schmidt 1875
- 50 *Amphora coffaeiformis* (Agardh) Kützing 1844
- 51 *Amphora coffaeiformis* var. *acutiuscula* (Kützing) Hustedt 1930
- 52 *Amphora decussata* Grunow 1867
- 53 *Amphora delphinea* Bailey 1861
- 54 *Amphora Egregia* Ehrenberg 1861
- 55 *Amphora gigantea* var. *fusca* (Schmidt) Cleve 1895
- 56 *Amphora granulata* Gregory 1857
- 57 *Amphora humicola* Grunow 1875
- 58 *Amphora humicola* var. *javanica* Grunow 1875
- 59 *Amphora hyalina* Kützing 1844
- 60 *Amphora laevis* Gregory 1857
- 61 *Amphora lineolata* Ehrenberg 1838
- 62 *Amphora lineolata* var. *chinensis* (Schmidt) Cleve 1895
- 63 *Amphora macilenta* Gregory 1857
- 64 *Amphora marina* (Wm. Smith) van Heurck 1857
- 65 *Amphora mexicana* Schmidt 1959
- 66 *Amphora obtusa* Gregory 1857
- 67 *Amphora ovalis* Kützing 1848
- 68 *Amphora ovalis* var. *pediculus* (Kützing) Van Heurck 1885
- 69 *Amphora ovalis* var. *tallingiae* Gasse 1986
- 70 *Amphora proboscidea* Gregory 1857
- 71 *Amphora proteus* Gregory 1857
- 72 *Amphora rhombica* Kitton 1876
- 73 *Amphora rhombica* var. *intermedia* Cleve 1895
- 74 *Amphora schmidtii* Grunow 1875
- 75 *Amphora spectabilis* Gregory 1857
- 76 *Amphora sulcata* (Brébisson) Cleve 1895
- 77 *Amphora terroris* Ehrenberg 1854
- 78 *Amphora veneta* Kützing 1844
- 79 *Amphora wisei* (Salah) Simonsen 1962
- 80 *Ardissonea robusta* (Ralfs) De Notaris 1871
- 81 ***Asterionellopsis glacialis* (Castracane) Round 1990**
- 82 *Asterolampra balearica* Cleve 1881
- 83 *Asterolampra grevillei* (Wallich) Greville 1860
- 84 *Asterolampra marylandica* Ehrenberg 1844
- 85 *Asteromphalus areolatus* Mann 1925
- 86 *Asteromphalus cleveanus* Grunow 1876
- 87 ***Asteromphalus elegans* Greville 1859**

- 88 *Asteromphalus flabellatus* (Brébisson) Greville 1859
- 89 ***Asteromphalus heptactis* (Brébisson) Ralfs 1861**
- 90 *Asteromphalus hiltonianus* (Greville) Ralfs 1861
- 91 *Asteromphalus hookeri* Ehrenberg 1844
- 92 ***Asteromphalus ingens* Simonsen 1975**
- 93 *Asteromphalus petersonii* (Kolbe) Schrader 1974
- 94 *Asteromphalus robustus* Castracane 1875
- 95 ***Asteromphalus roperianus* (Greville) Ralfs 1861**
- 96 ***Asteromphalus roundii* Hernández-Becerril 1990**
- 97 *Asteromphalus sacophagus* Wallich 1860
- 98 *Asteromphalus vanheurckii* Mann 1907
- 99 *Asteromphalus karianus* (Grunow) Gardner et Crawford 1997
- 100 *Aulacodiscus argus* (Ehrenberg) Schmidt 1886
- 101 ***Aulacodiscus beeveriae* Johnson ex Pritchard 1861**
- 102 *Aulacodiscus comberi* Arnott ex Pritchard 1861
- 103 *Aulacodiscus kittoni* Schmidt 1882
- 104 *Aulacodiscus margaritaceus* Ralfs 1861
- 105 *Aulacodiscus scaber* Ralfs ex Pritchard 1861
- 106 *Aulacodiscus sparsus* Greville 1866
- 107 *Aulacodiscus spectabilis* Ratray 1888
- 108 ***Aulacoseira granulata* (Ehrenberg) Simonsen 1979**
- 109 *Auliscus caelatus* Bailey 1853
- 110 *Auliscus intercedens* Janisch 1875
- 111 *Auliscus peruvianus* (Kitton ex Pritchard) Greville 1862
- 112 *Auliscus sculptus* (Smith) Ralfs 1861
- 113 *Azpeitia africana* (Janisch ex A. Schmidt) Fryxell et Watkins 1986
- 114 *Azpeitia neocrenulata* (VanLandingham) Fryxell et Watkins 1896
- 115 ***Azpeitia nodulifera* (Schmidt) Fryxell et Sims 1986**
- 116 *Azpeitia tabularis* (Grunow) Fryxell et Sims 1986
- 117 *Azpeitia vetustissima* (Pantocsek) Sims 1986
- 118 *Bacillaria paxillifera* (Müller) Hendey 1951
- 119 *Bacteriastrium comosum* Pavillard 1916
- 120 *Bacteriastrium delicatulum* Cleve 1897
- 121 *Bacteriastrium elegans* Pavillard 1916
- 122 *Bacteriastrium elongatum* Cleve 1897
- 123 *Bacteriastrium furcatum* Shadbolt 1854
- 124 ***Bacteriastrium hyalinum* Lauder 1864**
- 125 *Bacteriastrium hyalinum* var. *princeps* (Castracane) Ikari 1927
- 126 ***Bellerochea horologicalis* V. Stosch 1977**
- 127 ***Bellerochea malleus* (Brightwell) van Heurck emend. von Stosch 1977**
- 128 ***Biddulphia alternas* (Bailey) van Heurck 1880**
- 129 *Biddulphia biddulphiana* (Smith) Boyer 1900
- 130 ***Biddulphia tridens* (Ehrenberg) Ehrenberg 1840**
- 131 ***Bleakeleya notata* (Grunow) Round 1990**
- 132 *Caloneis alpestris* (Grunow) Cleve 1894
- 133 *Caloneis amphisbaena* (Bory) Cleve 1894
- 134 *Caloneis liber* (Wm. Smith) Cleve 1894
- 135 *Caloneis permagna* (Bailey) Cleve 1894
- 136 *Caloneis powelli* (Lewis) Cleve 1894
- 137 *Caloneis subsalina* (Donkin) Hendey 1951
- 138 *Caloneis westii* (Wm. Smith) Hendey 1964
- 139 *Campylodiscus clypeus* Ehrenberg 1840
- 140 *Campylodiscus incertus* Schmidt 1875
- 141 *Campylosira cymbelliformis* (Schmidt) Grunow 1874
- 142 *Catenula adhaerens* Mereschowsky 1903
- 143 *Cavinula lacustris* (Gregory) D. G. Mann et A. J. Stickle 1990
- 144 *Cerataulina bicornis* Hasle in Hasle et Sims 1985
- 145 *Cerataulina compacta* Ostenfeld et J. Schmidt 1901
- 146 ***Cerataulina pelagica* (Cleve) Hendey 1937**
- 147 ***Cerataulus californianus* Schmidt 1888**
- 148 *Cerataulus smithii* Ralfs 1861
- 149 *Cerataulus turgidus* (Ehrenberg) Ehrenberg 1843
- 150 *Chaetoceros aequatorialis* Cleve 1897
- 151 ***Chaetoceros affinis* Lauder 1864**
- 152 *Chaetoceros affinis* var. *circinalis* (Meunier) Hustedt 1930
- 153 *Chaetoceros affinis* var. *willei* (Gran) Hustedt 1930
- 154 ***Chaetoceros anastomosans* Grunow 1882**
- 155 *Chaetoceros approximatus* Gran et Angst 1930
- 156 ***Chaetoceros atlanticus* Cleve 1873**
- 157 *Chaetoceros atlanticus* var. *audax* (Schudt) Gran 1904
- 158 *Chaetoceros atlanticus* var. *neapolitana* (Schröder) Hustedt 1930
- 159 *Chaetoceros atlanticus* var. *skeleton* (Schutt) Hustedt 1930
- 160 *Chaetoceros bacteriastroides* Karsten 1907
- 161 *Chaetoceros bermejensis* Hernández-Becerril 1991
- 162 ***Chaetoceros borealis* Bailey 1854**
- 163 *Chaetoceros brevis* Schutt 1895
- 164 *Chaetoceros buceros* Karsten 1907
- 165 ***Chaetoceros ceratosporum* Ostenfeld 1910**
- 166 *Chaetoceros cinctus* Gran 1897
- 167 ***Chaetoceros coarctatus* Lauder 1864**
- 168 *Chaetoceros compressus* Lauder 1864
- 169 *Chaetoceros concavicornis* Mangin 1917
- 170 *Chaetoceros constrictus* Gran 1897
- 171 *Chaetoceros contortus* Schütt 1895
- 172 *Chaetoceros convolutus* Castracane 1886
- 173 *Chaetoceros costatus* Pavillard 1911
- 174 *Chaetoceros crinitus* Schütt 1895
- 175 *Chaetoceros criophilus* Castracane 1886
- 176 ***Chaetoceros curvisetus* Cleve 1889**
- 177 *Chaetoceros dadayi* Pavillard 1913

- 178 *Chaetoceros danicus* Cleve 1889  
179 *Chaetoceros debilis* Cleve 1894  
180 *Chaetoceros decipiens* Cleve 1873  
181 *Chaetoceros decipiens* f. *singularis* Gran 1904  
182 *Chaetoceros densus* (Cleve) Cleve 1901  
183 ***Chaetoceros denticulatum* Lauder 1864**  
184 *Chaetoceros diadema* (Ehrenberg) Gran 1897  
185 *Chaetoceros dichæta* Ehrenberg 1844  
186 ***Chaetoceros didymus* Ehrenberg 1845**  
187 *Chaetoceros didymus* var. *anglica* (Grunow) Gran 1905  
188 *Chaetoceros difficilis* Cleve 1900  
189 *Chaetoceros distans* Cleve 1873  
190 *Chaetoceros diversus* Cleve 1873  
191 *Chaetoceros eibenii* Grunow 1882  
192 *Chaetoceros filiferus* Karsten 1907  
193 *Chaetoceros fragilis* Meunier 1910  
194 *Chaetoceros gracillis* Schutt 1895  
195 *Chaetoceros holsaticus* Schutt 1895  
196 *Chaetoceros lacinosus* Schutt 1895  
197 *Chaetoceros lauderi* Ralfs 1864  
198 *Chaetoceros lorenzianus* f. *forceps* Meunier 1913  
199 *Chaetoceros lorenzianus* Grunow 1863  
200 ***Chaetoceros messanensis* Castracane 1875**  
201 *Chaetoceros mitra* (Bailey) Cleve 1896  
202 *Chaetoceros octagonus* Hernández-Becerril 1992  
203 *Chaetoceros paradoxus* Cleve 1873  
204 *Chaetoceros pelagicus* Cleve 1873  
205 *Chaetoceros pendulus* Karsten 1905  
206 *Chaetoceros perpusillus* Cleve 1897  
207 *Chaetoceros peruvianus* Brightwell 1856  
208 *Chaetoceros peruvianus* f. *gracilis* (Schröder) Hustedt 1930  
209 *Chaetoceros protuberans* (Lauder) Gran et Yendo 1864  
210 ***Chaetoceros pseudoaurivilli* Ikari 1926**  
211 *Chaetoceros pseudocritinum* Ostenfeld 1901  
212 *Chaetoceros pseudocurvisetus* Manguin 1910  
213 *Chaetoceros pseudodichæta* Ikari 1926  
214 ***Chaetoceros radicans* Schutt 1895**  
215 *Chaetoceros rectus* Hernández-Becerril 1992  
216 ***Chaetoceros rostratus* Lauder 1864**  
217 *Chaetoceros schmidtii* Ostenfeld 1901  
218 *Chaetoceros seiracanthus* Gran 1897  
219 *Chaetoceros seychellarus* Karsten 1907  
220 *Chaetoceros simplex* Ostenfeld 1901  
221 *Chaetoceros socialis* Lauder 1864  
222 *Chaetoceros subcoronatus* Krasske 1941  
223 *Chaetoceros subtilis* Cleve 1896  
224 *Chaetoceros subtilis* var. *abnormis* (Proschkina-Lavrenko) Proschkina-Lavrenko 1961  
225 *Chaetoceros sumatranus* Karsten 1907  
226 *Chaetoceros teres* Cleve 1896  
227 *Chaetoceros tetrastichon* Cleve 1897  
228 *Chaetoceros tortissimus* Gran 1900  
229 *Chaetoceros vanheurckii* Gran 1897  
230 *Chaetoceros vistulæ* Apstein 1909  
231 *Chaetoceros weissflogii* Schutt 1895  
232 *Chaetoceros wighamii* Brightwell 1856  
233 *Climacodium biconcavum* Cleve 1897  
234 ***Climacodium frauenfeldianum* Grunow 1864**  
235 *Climaconeis stromatolitos* J. John 1991  
236 ***Climacosphenia elongata* Bailey 1853**  
237 *Climacosphenia moniligera* Ehrenberg 1843  
238 *Cocconeis californica* (Grunow) Grunow 1880  
239 *Cocconeis decipiens* Cleve 1873  
240 *Cocconeis dirupta* Gregory 1857  
241 *Cocconeis dirupta* var. *flexella* (Janisch et Rabenhorst) Grunow 1880  
242 *Cocconeis discrepans* Schmidt 1894  
243 ***Cocconeis disculoides* Hustedt 1955**  
244 *Cocconeis disculus* (Schumann) Cleve 1895  
245 *Cocconeis distans* Gregory 1857  
246 *Cocconeis fluminensis* (Grunow) Peragallo et Peragallo 1908  
247 *Cocconeis fluviatilis* Wallace 1960  
248 *Cocconeis nummularia* (Greville) Peragallo 1897  
249 *Cocconeis paniformis* Brun 1894  
250 *Cocconeis pediculus* Ehrenberg 1838  
251 *Cocconeis pensacolæ* Schmidt 1894  
252 *Cocconeis placentula* Ehrenberg 1838  
253 *Cocconeis placentula* var. *euglypta* (Ehrenberg) Grunow 1884  
254 *Cocconeis pseudomarginata* Gregory 1857  
255 *Cocconeis scutellum* Ehrenberg 1838  
256 *Cocconeis scutellum* var. *minutissima* Grunow 1880  
257 *Cocconeis scutellum* var. *ornata* Grunow 1968  
258 *Corethron criophilum* Castracane 1886  
259 ***Coscinodiscus argus* Ehrenberg 1838**  
260 *Coscinodiscus asteromphalus* Ehrenberg 1844  
261 ***Coscinodiscus centralis* Ehrenberg 1838**  
262 *Coscinodiscus centralis* var. *pacifica* Gran et Angst 1931  
263 *Coscinodiscus circumdatus* Schmidt 1878  
264 *Coscinodiscus concinniformis* Simonsen 1974  
265 *Coscinodiscus concinnus* Wm. Smith 1856  
266 *Coscinodiscus cummutatus* Grunow 1884  
267 *Coscinodiscus curvatulus* Grunow 1878  
268 *Coscinodiscus curvatulus* var. *kariana* Cleve et Grunow 1880  
269 *Coscinodiscus curvatulus* var. *minor* (Ehrenberg) Grunow 1884  
270 *Coscinodiscus decrescens* Grunow 1878  
271 *Coscinodiscus denarius* Schmidt 1878  
272 *Coscinodiscus devius* Schmidt 1878  
273 ***Coscinodiscus gigas* Ehrenberg 1841**  
274 ***Coscinodiscus granii* Gough 1905**  
275 *Coscinodiscus heteroporus* Ehrenberg 1844  
276 *Coscinodiscus inclusus* Rattray 1890  
277 *Coscinodiscus jonesianus* (Greville) Ostenfeld 1915  
278 *Coscinodiscus kuetzingii* Schmidt 1878

- 279 *Coscinodiscus kurzii* Grunow 1888  
280 *Coscinodiscus marginatus* Ehrenberg 1841  
281 *Coscinodiscus nitidus* Gregory 1857  
282 *Coscinodiscus obscurus* Schmidt 1878  
283 *Coscinodiscus oculus-iridis* Ehrenberg 1839  
284 *Coscinodiscus perforatus* Ehrenberg 1844  
285 *Coscinodiscus perforatus* var. *pavillardii* (Forti) Husted 1928  
286 *Coscinodiscus plicatulus* Grunow 1884  
287 ***Coscinodiscus radiatus* Ehrenberg 1841**  
288 *Coscinodiscus robustus* Greville 1886  
289 *Coscinodiscus rothii* (Ehrenberg) Grunow 1878  
290 *Coscinodiscus subtilis* Ehrenberg 1843  
291 *Coscinodiscus symmetricus* Greville 1861  
292 ***Coscinodiscus wailesii* Gran et Angst 1931**  
293 *Ctenophora pulchella* (Ralfs ex Kützing) William et Round 1986  
294 ***Cyclotella caspia* Grunow 1878**  
295 *Cyclotella catenata* (Brun) Bachmann 1911  
296 *Cyclotella kuetzingiana* Thwaites 1848  
297 ***Cyclotella littoralis* Lange et Syvertsen 1989**  
298 *Cyclotella meneghiniana* Kützing 1844  
299 *Cyclotella stelligera* Cleve et Grunow 1879  
300 ***Cyclotella striata* (Kützing) Grunow 1880**  
301 *Cyclotella striata* var. *ambigua* (Grunow) Grunow 1882  
302 *Cyclotella striata* var. *bipunctata* Fricke 1900  
303 ***Cyclotella stylorum* Brightwell 1860**  
304 *Cylindrotheca closterium* (Ehrenberg) Reiman et Lewin 1964  
305 *Cymatosira belgica* Grunow 1885  
306 *Cymatosira lorenziana* Grunow 1862  
307 *Cymbella amphicephala* Naegeli 1849  
308 *Cymbella mexicana* (Ehrenberg) Cleve 1894  
309 *Cymbella pusilla* Grunow 1875  
310 *Cymbella turgida* Gregory 1856  
311 ***Dactyliosolen antarcticus* Castracane 1886**  
312 *Dactyliosolen fragillissimus* (Bergon) Hasle 1996  
313 ***Dactyliosolen phuketensis* (Sundström) Hasle 1996**  
314 ***Delphineis surirella* (Ehrenberg) Grunow et W. Andrews 1982**  
315 *Denticulopsis seminae* (Simonsen et Kanaya) Simonsen 1979  
316 *Detonula confervacea* (Cleve) Gran 1900  
317 ***Detonula pumila* (Castracane) Gran 1900**  
318 *Diatoma vulgare* Bory 1828  
319 *Dimeregramma marinum* (Gregory) Ralfs 1861  
320 *Dimeregramma minor* (Gregory) Ralfs 1861  
321 *Diploneis advena* (Schmidt) Cleve 1894  
322 *Diploneis bombus* Ehrenberg 1844  
323 ***Diploneis crabro* (Ehrenberg) Ehrenberg 1854**  
324 *Diploneis decipiens* var. *parallela* Cleve-Euler 1915  
325 *Diploneis didyma* (Ehrenberg) Ehrenberg 1854  
326 *Diploneis fusca* (Gregory) Cleve 1894  
327 *Diploneis fusca* var. *pelagi* (Schmidt) Cleve 1894  
328 *Diploneis gemmata* (Greville) Cleve 1894  
329 *Diploneis ovalis* (Hilse) Cleve 1891  
330 *Diploneis smithii* (Brébisson) Cleve 1894  
331 *Diploneis splendida* (Gregory) Cleve 1894  
332 *Diploneis suborbicularis* (Gregory) Cleve 1894  
333 *Diploneis vacillans* (Schmidt) Cleve 1894  
334 ***Diploneis weissflogi* (Schmidt) Cleve 1894**  
335 ***Ditylum brightwellii* (West) Grunow 1883**  
336 ***Donkinia recta* (Donkin) Grunow ex Van Heurck 1880**  
337 *Ellerbeckia arenaria* (Ralfs ex Moore) Crawford 1988  
338 *Endictya robustus* (Greville) Hanna Et Grant 1926  
339 *Entomoneis alata* (Ehrenberg) Ehrenberg 1845  
340 ***Entomoneis alata* var. *pulchra* Bailey (cf)**  
341 ***Entomoneis gigantea* (Grunow) Nizamuddin 1983**  
342 *Entomoneis gigantea* var. *sulcata* O'Meara 1871  
343 *Entomoneis paludosa* (Wm. Smith) Reimer 1975  
344 *Entomoneis paludosa* var. *hyalina* EulenStein ex Grunow  
345 *Epithemia gibba* Kützing 1844  
346 *Epithemia sores* Kützing 1844  
347 ***Eucampia cornuta* (Cleve) Grunow 1883**  
348 *Eucampia zodiacus* Ehrenberg 1841  
349 *Eunotia luna* Ehrenberg 1843  
350 ***Eunotogramma debile* (Smith) Grunow 1883**  
351 *Eunotogramma laeve* Grunow 1882  
352 ***Eupodiscus radiatus* Bailey 1851**  
353 *Extubocellulus spinifer* (Hargraves et Guillard) Hasle et al. 1983  
354 *Falcula hyalina* Takano 1983  
355 *Fallacia dithmarsica* (Konig) Mann 1990  
356 *Fallacia forcipata* (Greville) A. J. Stickle et Mann 1990  
357 *Fallacia litoricola* (Hustedt) Mann 1990  
358 ***Fallacia nummularia* (Greville) Mann 1990**  
359 *Fallacia pygmaea* (Kützing) A. J. Stickle 1990  
360 *Fragilaria brevistriata* (Grunow) Grunow 1885  
361 *Fragilaria brevistriata* var. *elliptica* Heribaud 1903  
362 *Fragilaria capucina* Desmazieres 1825  
363 *Fragilaria constricta* Ehrenberg 1841  
364 *Fragilaria crotonensis* Kitton 1869  
365 *Fragilaria islandica* Grunow ex Van Heurck 1881  
366 *Fragilaria ungeriana* Grunow 1863  
367 *Fragilaria vaucheriae* (Kützing) Petersen 1938  
368 ***Fragilariopsis doliolus* (Wallich) Medlin et Sims 1993**  
369 *Fragilariopsis oceanica* (Cleve) Hasle 1965  
370 *Fragilariopsis pseudonana* Hasle 1965  
371 *Frustulia interposita* (Lewis) De Toni 1891

- 372 *Frustulia rhomboides* (Ehrenberg) De Toni 1891
- 373 *Glyphodesmis distans* (Gregory) Grunow 1880
- 374 *Glyphodesmis eximia* Greville 1862
- 375 *Gomphonema gracile* Ehrenberg 1838
- 376 *Gomphonema parvulum* (Kützing) Kützing 1849
- 377 *Gomphonemopsis pseudexigua* (Simonsen) Medlin 1986
- 378 ***Gossleriella tropica* Schütt 1893**
- 379 *Grammatophora angulosa* Ehrenberg 1841
- 380 *Grammatophora marina* (Lyngbye) Kützing 1844
- 381 *Grammatophora marina* var. *adriatica* (Grunow) Peragallo et Peragallo 1897
- 382 *Grammatophora moronensis* Greville 1863
- 383 *Grammatophora oceanica* Ehrenberg 1854
- 384 ***Guinardia cylindrus* (Cleve) Hasle 1996**
- 385 *Guinardia delicatula* (Cleve) Hasle 1996
- 386 *Guinardia flaccida* (Castracane) Peragallo 1892
- 387 *Guinardia stolterfothii* (Peragallo) Hasle 1996
- 388 ***Guinardia striata* (Stolterfoth) Hasle 1996**
- 389 *Gyrosigma attenuatum* Smith 1852
- 390 *Gyrosigma balticum* (Ehrenberg) Rabenhorst 1853
- 391 *Gyrosigma compactum* (Greville) Cleve 1894
- 392 *Gyrosigma distortum* (Smith) Griffith et Henfrey 1856
- 393 *Gyrosigma fasciola* (Ehrenberg) Griffith et Cleve 1894
- 394 *Gyrosigma fasciola* var. *sulcata* (Grunow) Cleve 1894
- 395 *Gyrosigma hippocampus* (Ehrenberg) Hassall 1845
- 396 *Gyrosigma macrum* (Smith) Griffith et Henfrey 1856
- 397 *Gyrosigma obliquum* (Grunow) Boyer 1927
- 398 *Gyrosigma peisonis* (Grunow) Hustedt 1930
- 399 *Gyrosigma prolongatum* (Wm. Smith) Griffith et Henfrey 1856
- 400 *Gyrosigma sciotense* (Sullivant et Wormley) Cleve 1894
- 401 *Gyrosigma spenceri* (Wm. Smith) Griffith et Henfrey 1856
- 402 *Gyrosigma strigilis* (Wm. Smith) Griffith et Henfrey 1856
- 403 *Gyrosigma tenuissimum* (Smith) Griffith et Henfrey 1856
- 404 *Gyrosigma wansbeckii* (Donkin) Cleve 1894
- 405 *Hantzschia amphioxys* (Ehrenberg) Grunow 1880
- 406 *Hantzschia elongata* (Hantzsch) Grunow 1880
- 407 *Haslea frauenfeldii* (Grunow) Simonsen 1974
- 408 *Haslea wawriake* (Hustedt) Simonsen 1974
- 409 ***Helicotheca tamesis* (Shrubsole) Ricard 1987**
- 410 *Hemiaulus hauckii* Grunow et van Heurck 1882
- 411 *Hemiaulus membranaceus* Cleve 1873
- 412 ***Hemiaulus sinensis* Greville 1856**
- 413 *Hemidiscus cuneiformis* var. *gibba* (Bailey) Hustedt 1930
- 414 ***Hemidiscus cuneiformis* var. *orbicularis* (Castracane) Hustedt 1930**
- 415 ***Hemidiscus cuneiformis* var. *ventricosa* (Castracane) Hustedt 1930**
- 416 *Hemidiscus cuneiformis* Wallich 1860
- 417 *Hemidiscus hardmannianus* (Greville) Mann 1907
- 418 *Hemidiscus kanayanus* simonsen 1972
- 419 *Hyalodiscus scoticus* (Kützing) Grunow 1879
- 420 *Hyalodiscus subtilis* Bailey 1854
- 421 *Isthmia nervosa* Kützing 1844
- 422 *Lampriscus kittoni* Schmidt 1882
- 423 *Lauderia anulata* cleve 1873
- 424 ***Leptocylindrus danicus* Cleve 1889**
- 425 *Leptocylindrus maximus* smayda 1963
- 426 ***Leptocylindrus mediterraneus* (H. Peragallo) Hasle 1975**
- 427 *Leptocylindrus minimus* (Gran) Hargraves 1900
- 428 *Licmophora abbreviata* Agardh 1831
- 429 *Licmophora Ehrenbergii* (Kützing) Grunow 1867
- 430 *Licmophora Ehrenbergii* var. *ovata* (Smith) van Heurck 1896
- 431 *Licmophora flabellata* (Carmichael) Agardh 1831
- 432 *Licmophora gracilis* (Ehrenberg) Grunow 1863
- 433 *Licmophora lyngbyeii* (Kützing) Grunow 1867
- 434 *Licmophora remulus* Grunow 1867
- 435 *Lioloma delicatulum* (Cupp) Hasle 1996
- 436 *Lioloma elongatum* (Grunow) Hasle 1996
- 437 *Lioloma mediterraneus* (Cupp) Hasle 1996
- 438 *Lioloma pacificum* (Cupp) Hasle 1996
- 439 ***Lithodesmium undulatum* Ehrenberg 1840**
- 440 *Luticola mutica* (Kützing) D. G. Mann 1990
- 441 *Lyrella clavata* (Gregory) Mann 1990
- 442 *Lyrella clavata* var. *indica* (Greville) Moreno 1996
- 443 *Lyrella clavata* var. *subconstricta* (Hustedt) Moreno 1996
- 444 *Lyrella impercepta* (Hustedt) Moreno 1996
- 445 *Lyrella implana* (Hustedt) Moreno 1996
- 446 *Lyrella irrorata* (Greville) Mann 1990
- 447 *Lyrella lyra* (Ehrenberg) Karajeva 1978
- 448 *Lyrella lyra* var. *recta* (Greville) Moreno 1996
- 449 *Lyrella lyra* var. *subcarinata* Moreno 1996
- 450 *Mastogloia acutiuscula* Grunow 1883
- 451 *Mastogloia angulata* Lewis 1861
- 452 *Mastogloia apiculata* smith 1856
- 453 *Mastogloia aquilegiae* Grunow in Moller 1881
- 454 *Mastogloia binotata* (Grunow) Cleve 1895
- 455 *Mastogloia braunii* Grunow 1863
- 456 *Mastogloia corcicana* Grunow in Cleve et Moller 1878
- 457 *Mastogloia cribosa* Grunow 1860
- 458 *Mastogloia Elegans* Lewis 1865
- 459 *Mastogloia Erythraea* Grunow 1860

- 460 *Mastogloia exigua* Lewis 1861  
461 *Mastogloia exigua* var. *Gallica* Petit 1893  
462 *Mastogloia Exilis* hustedt 1933  
463 *Mastogloia fimbriata* (Brightwell) Cleve 1895  
464 *Mastogloia gibbosa* Brun 1895  
465 *Mastogloia grunowii* Schmidt 1893  
466 *Mastogloia lanceolata* thwaites 1856  
467 *Mastogloia minuta* Greville 1857  
468 *Mastogloia pumila* (Cleve et Moller) Cleve 1895  
469 *Mastogloia punctifera* Brun 1895  
470 *Mastogloia pusila* Grunow 1878  
471 *Mastogloia pusila* var. *linearis* Ostrup 1910  
472 *Mastogloia quinquecostata* Grunow 1860  
473 *Mastogloia recta* Hustedt 1942  
474 ***Mastogloia rostrata* (Wallich) Hustedt 1933**  
475 *Mastogloia smithii* Thwaites ex Wm. Smith 1856  
476 *Melosira distans* var. *lyrata* (Ehrenberg) Müller 1904  
477 *Melosira espinulosa* Hustedt 1952  
478 *Melosira expectata* schmidt 1892  
479 *Melosira moniliformis* (Müller) Agardh 1824  
480 *Melosira nummuloides* (Dillwyn) Agardh 1824  
481 *Membraneis challengerii* (Grunow) Paddock 1988  
482 ***Meuniera membranacea* (Cleve) P. C. Silva 1996**  
483 *Minidiscus chilensis* Rivera 1984  
484 *Minidiscus comicus* takano 1982  
485 ***Minidiscus trioculatus* (F. J. R. Taylor) Hasle 1973**  
486 *Navicula abrupta* (Gregory) Donkin 1870  
487 *Navicula abunda* Hustedt 1955  
488 *Navicula agnita* Hustedt 1955  
489 *Navicula algida* Grunow 1884  
490 *Navicula ammophila* Grunow 1882  
491 *Navicula amphibola* cleve 1891  
492 *Navicula bigemmata* Mann 1925  
493 *Navicula bilobata* Leuduger-Fortmorel 1879  
494 *Navicula brasiliensis* Grunow 1863  
495 *Navicula cancellata* Donkin 1870  
496 *Navicula capitata* Ehrenberg 1838  
497 *Navicula cincta* (Ehrenberg) Ralfs 1861  
498 *Navicula clavata* Gregory 1856  
499 *Navicula clementis* Grunow 1882  
500 *Navicula cryptocephala* var. *subsalina* Hustedt 1925  
501 *Navicula cuspidata* (Kützing) Kützing 1844  
502 *Navicula decipiens* O'Meara 1975  
503 *Navicula dicephala* Ehrenberg 1837  
504 *Navicula directa* (Smith) Ralfs 1861  
505 *Navicula directa* var. *remota* Grunow 1879  
506 *Navicula directa* var. *subtilis* (Gregory) Cleve 1883  
507 *Navicula distans* (Smith) Ralfs 1861  
508 *Navicula diversipunctata* Hustedt 1944  
509 *Navicula diversistriata* Hustedt 1955  
510 *Navicula elegans* Wm. Smith 1853  
511 *Navicula erdmannensis* faged 1964  
512 *Navicula ergadensis* (Gregory) Ralfs 1861  
513 *Navicula ergadensis* var. *minor* (Peragallo et Peragallo) Hendey 1964  
514 *Navicula forcipata* Greville 1859  
515 *Navicula formenterae* Cleve 1881  
516 *Navicula frequens* Van Heurck 1909  
517 *Navicula gastrum* (Ehrenberg) Kützing 1844  
518 *Navicula granulata* Bailey 1854  
519 *Navicula gregaria* Donkin 1861  
520 *Navicula grevilleoides* hustedt 1962  
521 *Navicula grimmei* Krasske 1925  
522 *Navicula halophila* (Grunow) Cleve 1894  
523 *Navicula hustedtii* Krasske 1923  
524 *Navicula hyalina* (Ehrenberg) Kützing 1849  
525 *Navicula laceolata* (Agardh) Kützing 1844  
526 *Navicula longa* (Gregory) Ralfs 1861  
527 *Navicula lyra* Ehrenberg 1843  
528 *Navicula marina* Ralfs ex Pritchard 1861  
529 *Navicula menisculus* schumann 1867  
530 *Navicula monilifera* cleve 1895  
531 *Navicula ostrogothica* cleve-Euler 1953  
532 *Navicula pavillardii* Hustedt 1939  
533 *Navicula pelagica* cleve 1896  
534 *Navicula pelliculosa* (Brébisson) Hilse 1862  
535 *Navicula pennata* schmidt 1874  
536 *Navicula peregrina* (Ehrenberg) Kützing 1844  
537 *Navicula placenta* (Ehrenberg) Kützing 1844  
538 *Navicula platyventris* Meister 1935  
539 *Navicula radiosa* Kützing 1844  
540 *Navicula rhyncocephala* Kützing 1844  
541 *Navicula rostellata* Kützing 1844  
542 *Navicula soehrensii* f. *capitata* Krasske 1925  
543 *Navicula soehrensii* f. *muscolica* (Petersen) Krasske 1929  
544 *Navicula spectabilis* var. *excavata* (Greville) Cleve 1895  
545 *Navicula subcarinata* (Grunow) Hendey 1951  
546 *Navicula subinflatoide* hustedt 1962  
547 *Navicula takoradiensis* hendey 1958  
548 *Navicula triplex* VanLandingham 1975  
549 *Navicula tumida* Brébisson 1849  
550 *Navicula veneta* Kützing 1844  
551 *Navicula weissflowii* (Grunow) Cleve 1894  
552 *Navicula yarrensii* Grunow 1874  
553 *Navicula zeta* cleve 1895  
554 *Navicula zostretti* Grunow 1860  
555 *Neidium binodis* (Ehrenberg) Hustedt 1945  
556 *Neidium productum* (Wm. Smith) Cleve 1894  
557 ***Neocalyptrella robusta* (Norman) Hernández-Becerril et Meave 1997**  
558 *Neodelphineis indica* (F. J. R. Taylor) Hasle 1993  
559 *Neodelphineis pelagica* takano 1982  
560 *Neodenticula seminae* (Simonsen et Kanaya) Akiba et Yanagisawa 1986  
561 *Neostreptotheca subindica* von Stosch 1977  
562 *Nitzschia acicularis* (Kützing) Wm. Smith 1853  
563 *Nitzschia acuta* cleve 1878  
564 *Nitzschia americana* Hasle 1964  
565 *Nitzschia angularis* smith 1853

- 566 *Nitzschia angustata* (Smith) Grunow 1880  
567 *Nitzschia antillarum* (Cleve) Meister 1937  
568 *Nitzschia bicapitata* cleve 1900  
569 *Nitzschia bifurcata* Kaczmarska et Licea 1986  
570 *Nitzschia bilobata* W. Smith 1853  
571 *Nitzschia compressa* (Bailey) Boyer 1916  
572 *Nitzschia dissipata* (Kützing) Grunow 1862  
573 *Nitzschia distans* Gregory 1857  
574 *Nitzschia fasciculata* (Grunow) Grunow 1885  
575 *Nitzschia fonticola* Grunow 1879  
576 *Nitzschia frigida* Grunow 1880  
577 *Nitzschia frustulum* (Kützing) Grunow 1880  
578 *Nitzschia gandersheimiensis* Krasske 1927  
579 *Nitzschia gracilis* hantzsch 1860  
580 *Nitzschia granulata* Grunow 1880  
581 *Nitzschia hungarica* Grunow 1862  
582 *Nitzschia kolaczekii* Grunow 1867  
583 *Nitzschia laevis* Grunow 1879  
584 *Nitzschia lanceolata* Wm. Smith 1853  
585 *Nitzschia longa* Grunow 1880  
586 *Nitzschia longissima* (Brébisson) Grunow 1862  
587 *Nitzschia longissima* f. *costata* Hustedt 1874  
588 ***Nitzschia lorenziana* Grunow 1879**  
589 *Nitzschia microcephala* Grunow 1879  
590 *Nitzschia obtusa* Wm. Smith 1853  
591 *Nitzschia ovalis* Arnott 1880  
592 *Nitzschia pacifica* Cupp 1943  
593 *Nitzschia paleacea* (Grunow) Grunow 1881  
594 *Nitzschia recta* Hantzsch ex Rabenhorst 1879  
595 *Nitzschia sicula* (Castracane) Hustedt 1958  
596 *Nitzschia sicula* var. *bicuneata* (Grunow) Hasle 1960  
597 *Nitzschia sicula* var. *rostrata* Hustedt 1958  
598 ***Nitzschia sigma* (Kützing) Smith 1853**  
599 *Nitzschia sigma* var. *rigida* (Kützing) Grunow 1878  
600 *Nitzschia sigmoidea* (Nitzsch) Smith 1853  
601 *Nitzschia silicula* Hustedt 1955  
602 *Nitzschia socialis* Gregory 1857  
603 *Nitzschia socialis* var. *massiliensis* Grunow 1880  
604 *Nitzschia spathulata* Brébisson 1853  
605 *Nitzschia subtilis* (Kützing) Grunow 1880  
606 *Nitzschia thermalis* (Ehrenberg) Auerwald 1879  
607 *Nitzschia vidovichii* (Grunow) Grunow 1881  
608 *Nitzschia vitrea* Norman 1861  
609 *Odontella alternans* Schutt 1899  
610 ***Odontella aurita* (Lyngbye) Agardh 1832**  
611 *Odontella aurita* var. *obtusa* (Grunow) Grunow 1881  
612 *Odontella dubia* (Brightwell) Chávez et Baumgartner 1883  
613 ***Odontella longicuris* (Greville) Hoban 1983**  
614 ***Odontella mobiliensis* (Bailey) Grunow 1884**  
615 *Odontella obtusa* Kützing 1844  
616 *Odontella regia* (Schultze) Ostfeld 1974  
617 *Odontella rhombus* (Ehrenberg) Kützing 1849  
618 *Odontella rhombus* f. *trigona* (Cleve) Hustedt 1930  
619 *Odontella sinensis* (Greville) Grunow 1884  
620 *Opephora marina* (Grunow) Petit 1888  
621 *Opephora pacifica* (Grunow) Petit 1888  
622 ***Paralia sulcata* (Ehrenberg) Cleve 1873**  
623 *Paralia sulcata* f. *hexagona* Grunow 1892  
624 *Paralia sulcata* f. *polygona* Grunow 1892  
625 *Paralia sulcata* f. *radiata* (Grunow) Peragallo et Peragallo 1908  
626 *Paralia sulcata* var. *Strigillata* schmidt 1959  
627 *Petrodictyon gemma* (Ehrenberg) D. G. Mann 1990  
628 ***Petronella granulata* (Bailey) D. G. Mann 1990**  
629 *Pinnularia polyonca* (Brébisson) Wm. Smith 1856  
630 *Pinnularia viridis* (Nitzsch) Ehrenberg 1841  
631 *Plagiodiscus nervatus* Grunow 1867  
632 *Plagiogramma interruptum* (Gregory) Ralfs 1861  
633 *Plagiogramma pulchellum* Greville 1859  
634 *Plagiogramma tessellatum* Greville 1859  
635 *Plagiogrammopsis vanheurckii* (Grunow) Hasle, Von Stosch et Syvertsen 1983  
636 *Plagiotropis antarctica* (Grunow) Kuntze 1898  
637 *Plagiotropis lepidoptera* (Gregory) Cleve 1894  
638 *Plagiotropis lepidoptera* var. *minor* (Cleve) Reimer 1975  
639 *Plagiotropis lepidoptera* var. *proboscidea* cleve  
640 *Plagiotropis maxima* (Gregory) Kuntze 1898  
641 *Plagiotropis pusilla* (Gregory) Navarro 1982  
642 *Plagiotropis seriata* (Cleve) Navarro 1982  
643 *Plagiotropis vitrea* (Smith) Paddock 1988  
644 ***Planktoniella muriformis* (Leoblich, Wight et Darley) Round 1972**  
645 ***Planktoniella sol* (Wallich) Schutt 1893**  
646 *Pleurosigma acutum* Norman ex Ralfs 1961  
647 *Pleurosigma aestuarii* (Brébisson) Wm. Smith 1853  
648 *Pleurosigma angulatum* (Quekett) Smith 1852  
649 *Pleurosigma australe* Grunow 1867  
650 ***Pleurosigma decorum* Smith 1853 (cf.)**  
651 ***Pleurosigma distinguendum* Hustedt 1955**  
652 ***Pleurosigma elongatum* Smith 1852**  
653 *Pleurosigma fasciola* (Ehrenberg) Smith 1852  
654 *Pleurosigma formosum* Smith 1852  
655 ***Pleurosigma gracilitatis* Sterrenburg, Meave et Tiffany 2003**  
656 *Pleurosigma hamuliferum* brun 1889  
657 ***Pleurosigma ibericum* peragallo 1891**  
658 *Pleurosigma intermedia* var. *nubecula* (Smith) Van Heurck 1896  
659 *Pleurosigma longun* Cleve 1873  
660 *Pleurosigma marinum* Donkin 1858  
661 *Pleurosigma naviculaceum* brébisson 1854  
662 *Pleurosigma nicobarium* (Grunow) Grunow 1878  
663 ***Pleurosigma normanii* Ralfs 1861**

- 664 *Pleurosigma nuvecula* var. *genuinum* Cleve 1894
- 665 *Pleurosigma pelagicum* (H. Peragallo) Cleve 1894
- 666 ***Pleurosigma rhombeum* Grunow 1880**
- 667 *Podocystis americana* Bailey 1854
- 668 ***Podocystis spathulata* (Shadbold) van Heurck 1896**
- 669 *Podosira maxima* (Kützing) Grunow 1879
- 670 *Podosira stelliger* (Bailey) Mann 1907
- 671 *Porosira denticulata* simonsen 1974
- 672 *Proboscia alata* (Brightwell) Sundström 1986
- 673 *Proboscia alata* f. *gracillima* (Cleve) Licea et Moreno 1996
- 674 *Proboscia indica* (Peragallo) Hernández-Becerril 1996
- 675 *Proboscia subarctica* (Gran) Takahashi, Jordan et Priddle 1994
- 676 *Psammodictyon constrictum* (Gregory) Mann 1990
- 677 *Psammodictyon panduriforme* (Gregory) Mann 1990
- 678 *Psammodictyon panduriforme* var. *panduriforme* (Gregory) Mann 1990
- 679 *Psammodiscus nitidus* (Gregory) Round et Mann 1990
- 680 *Pseudauliscus peruvianus* (Kitton ex Pritchard) Schmidt 1875
- 681 ***Pseudoguindardia recta* Von Stosch 1986**
- 682 *Pseudonitzschia delicatissima* (Cleve) Heiden 1928
- 683 *Pseudonitzschia fraudulenta* (Cleve) Hasle 1993
- 684 *Pseudonitzschia pseudodelicatissima* (Hasle) Hasle 1976
- 685 ***Pseudonitzschia pungens* (Grunow ex Cleve) Hasle 1993**
- 686 *Pseudonitzschia pungens* var. *atlantica* (Grunow et Cleve) Hasle 1985
- 687 *Pseudonitzschia seriata* (Cleve) Peragallo et Peragallo 1897
- 688 *Pseudonitzschia subfraudulenta* (Hasle) Hasle 1965
- 689 ***Pseudosolenia calcar-avis* (Schultze) Sundström 1986**
- 690 *Pseudotriceratium punctatum* (Wallich) Simonsen 1974
- 691 *Rhabdonema adriaticum* Kützing 1844
- 692 *Rhabdonema arcuatum* (Lyngbye) Kützing 1844
- 693 *Rhabdonema arcuatum* var. *robusta* (Grunow) Hustedt 1931
- 694 *Rhaphoneis superba* (Janisch) Grunow 1862
- 695 ***Rhizosolenia acuminata* (Peragallo) Peragallo et Peragallo 1897**
- 696 ***Rhizosolenia bergonii* Peragallo 1892**
- 697 ***Rhizosolenia castracanei* Peragallo 1888**
- 698 ***Rhizosolenia clevei* Ostensfeld 1902**
- 699 ***Rhizosolenia clevei* var. *communis* Sundström 1984**
- 700 *Rhizosolenia crassa* Schimper 1905
- 701 *Rhizosolenia crassisipina* Shroeder 1968
- 702 *Rhizosolenia debyana* Peragallo 1892
- 703 *Rhizosolenia decipiens* Sundström 1986
- 704 *Rhizosolenia formosa* Peragallo 1888
- 705 *Rhizosolenia hebetata* Bailey 1856
- 706 *Rhizosolenia hebetata* f. *semispina* (Hensen) Gran 1905
- 707 *Rhizosolenia hebetata* var. *subacuta* Grunow 1844
- 708 ***Rhizosolenia hyalina* Ostensfeld 1901**
- 709 ***Rhizosolenia imbricata* Brightwell 1858**
- 710 *Rhizosolenia minima* Levander 1904
- 711 ***Rhizosolenia pungens* Cleve-Euler 1937**
- 712 ***Rhizosolenia setigera* Brightwell 1858**
- 713 *Rhizosolenia striata* Greville 1864
- 714 *Rhizosolenia styliformis* Brightwell 1858
- 715 *Rhizosolenia styliformis* var. *latissima* Brightwell 1858
- 716 *Rhizosolenia styliformis* var. *longispina* Hustedt 1914
- 717 *Rhizosolenia styliformis* var. *longissima* Hustedt 1914
- 718 *Rhizosolenia temperei* H. Peragallo 1888
- 719 *Rhopalodia gibba* (Ehrenberg) Müller 1895
- 720 *Rhopalodia gibba* var. *ventricosa* (Kützing) Peragallo et Peragallo 1897
- 721 *Rhopalodia gibberula* (Ehrenberg) Müller 1895
- 722 *Rhopalodia gibberula* var. *producta* (Grunow) O. F. Müller 1899
- 723 *Rhopalodia musculus* (Kützing) Müller 1899
- 724 *Roperia tessellata* (Roper) Grunow 1883
- 725 *Skeletonema costatum* (Greville) Cleve 1873
- 726 *Skeletonema tropicum* Cleve 1873
- 727 ***Spatangidium arachne* (Brébisson) Ralfs 1857**
- 728 *Stauroneis amphioxys* Gregory 1856
- 729 *Stauroneis anceps* Ehrenberg 1841
- 730 *Stauroneis phoenicenteron* (Nitzsch) Ehrenberg 1841
- 731 ***Stellarima stellaris* (Roper) Hasle et Sims 1988**
- 732 *Stenopterobia intermedia* (Lewis) Van Heurck 1896
- 733 *Stephanopyxis nipponica* Gran et Yendo 1913
- 734 ***Stephanopyxis palmeriana* (Greville) Grunow 1884**
- 735 ***Stephanopyxis turris* (Greville et Arnott) Ralfs 1861**
- 736 *Striatella unipunctata* (Lyngbye) Agardh 1832
- 737 *Surirella biseriata* Brébisson 1835
- 738 *Surirella didyma* Kützing 1844
- 739 *Surirella fastuosa* Ehrenberg 1840
- 740 *Surirella fastuosa* var. *cuneata* (Schmidt) Witt 1874
- 741 *Surirella fastuosa* var. *lata* (Wm. Smith) van Heurck 1885
- 742 ***Surirella fastuosa* var. *recedens* (Schmidt) Cleve 1878**
- 743 *Surirella febigerii* Lewis 1861



- 744 **Surirella fluminensis Grunow 1862**  
745 **Surirella gemma (Ehrenberg) Kützing 1844**  
746 *Surirella ovata* Kützing 1844  
747 *Surirella ovata* var. *crumena* (Brébisson ex Kützing) Hustedt 1930  
748 **Surirella robusta (Ehrenberg) Ehrenberg 1842**  
749 *Surirella robusta* var. *splendida* (Ehrenberg) Van Heurck 1885  
750 *Synedra amphicephala* Kützing 1844  
751 *Synedra cristalina* (Agardh) Kützing 1844  
752 *Synedra cunningtonii* G. S. West 1907  
753 *Synedra fulgens* (Greville) Wm. Smith 1853  
754 *Synedra fulgens* var. *mediterranea* Grunow 1881  
755 *Synedra gaillonii* (Bory) Ehrenberg 1830  
756 *Synedra goulardii* Brehicon, Cleve et Grunow 1887  
757 *Synedra investiens* Wm. Smith 1856  
758 *Synedra laevigata* Grunow 1877  
759 *Synedra pulchella* (Ralfs ex Kützing) Kützing 1844  
760 *Synedra robusta* Ralfs 1861  
761 *Synedra socia* Wallece 1960  
762 *Synedra ulna* (Nitzsch) Ehrenberg 1838  
763 *Synedra ulna* var. *biceps* (Kützing) Schonfeldt 1913  
764 *Tabularia fasciculata* (Agardh) Williams et Round 1986  
765 *Terpsinoe musica* Ehrenberg 1841  
766 *Thalassionema bacillaris* (Heiden) Kolbe 1955  
767 *Thalassionema frauenfeldii* (Grunow) Tempère et Peragallo ex Hallegraeff 1986  
768 **Thalassionema nitzschioides (Grunow) Mereschowsky 1902**  
769 *Thalassionema nitzschioides* var. *capitulata* (Castracane) Moreno-Ruiz 1995  
770 **Thalassionema nitzschioides** var. **claviformis (Schrader) Moreno-Ruiz 1993**  
771 *Thalassionema nitzschioides* var. *inflata* Heiden 1928  
772 *Thalassionema nitzschioides* var. *lanceolata* (Grunow) Peragallo et Peragallo 1901  
773 *Thalassionema nitzschioides* var. *parva* Heiden et Kolbe 1928  
774 *Thalassionema pseudonitzschioides* (Schuette et Schrader) Hasle 1996  
775 *Thalassiosira aestivalis* Gran et Angst 1931  
776 *Thalassiosira angulata* (Gregory) Hasle 1978  
777 *Thalassiosira anguste-lineata* (Schmidt) Fryxell et Hasle 1977  
778 *Thalassiosira binata* Fryxell 1977  
779 *Thalassiosira bioculata* (Grunow) Ostenfeld 1903  
780 **Thalassiosira decipiens (Grunow) Jörgensen 1905**  
781 **Thalassiosira eccentrica (Ehrenberg) Cleve 1903**  
782 *Thalassiosira endoseriata* Hasle et Fryxell 1977  
783 *Thalassiosira exigua* Fryxell et Hasle 1977  
784 *Thalassiosira ferelineata* Hasle et Fryxell 1977  
785 *Thalassiosira gravida* Cleve 1896  
786 **Thalassiosira hendeyi Hasle et Fryxell 1977**  
787 *Thalassiosira hyalina* (Grunow) Gran 1905  
788 **Thalassiosira intrannula Herzing et Fryxell 1986**  
789 *Thalassiosira lacustris* (Grunow) Hasle et Fryxell 1977  
790 **Thalassiosira leptopus (Grunow) Hasle et Fryxell 1977**  
791 **Thalassiosira lineata Jousé 1968**  
792 *Thalassiosira lundiana* Fryxell 1975  
793 **Thalassiosira mala Takano 1965**  
794 *Thalassiosira mendiolana* Hasle et Heimdal 1970  
795 *Thalassiosira minuscula* Krasske 1941  
796 *Thalassiosira nordenskiöldii* Cleve 1873  
797 **Thalassiosira oestrupii (Ostenfeld) Hasle 1960**  
798 **Thalassiosira oestrupii** var. **venrickae Fryxell et Hasle 1980**  
799 *Thalassiosira pacifica* Gran et Angst 1931  
800 *Thalassiosira plicata* Schrader 1974  
801 *Thalassiosira poro-irregulata* Hasle et Heimdal 1970  
802 *Thalassiosira profunda* (Hendey) Hasle 1973  
803 *Thalassiosira pseudonana* Hasle et Heimdal 1970  
804 *Thalassiosira punctifera* (Grunow) Fryxell, Hasle & Simonsen 1974  
805 *Thalassiosira punctigera* (Castracane) Hasle 1983  
806 *Thalassiosira rotula* Meunier 1915  
807 **Thalassiosira simonsenii Hasle et Fryxell 1977**  
808 *Thalassiosira subtilis* (Ostenfeld) Gran emend. Hasle 1972  
809 **Thalassiosira symmetrica Fryxell et Hasle 1972**  
810 *Thalassiosira tealata* Takano 1980  
811 **Thalassiosira tenera Proschkina-Lavrenko 1961**  
812 *Thalassiosira tubifera* Fryxell 1975  
813 *Thalassiothrix acuta* Karsten 1905  
814 *Thalassiothrix heteromorfa* Karsten 1907  
815 *Thalassiothrix heteromorfa* var. *mediterranea* (Pavillard) Hallegraeff 1986  
816 **Thalassiothrix longissima Cleve et Grunow 1878**  
817 *Toxarium hennedyanum* (Gregory) Pelletan 1889  
818 *Toxarium undulatum* Bailey 1854  
819 *Trachyneis aspera* (Ehrenberg) Cleve 1894  
820 *Trachyneis aspera* var. *elliptica* Hendey 1964  
821 *Trachyneis aspera* var. *intermedia* (Grunow) Cleve 1894  
822 *Triceratium americanum* Ralfs 1861  
823 *Triceratium distinctum* Janisch 1885  
824 *Triceratium dubium* Brightwell 1829

- 825 *Triceratium favus* Ehrenberg 1839  
826 *Triceratium pentacrinum* (Ehrenberg) Wallich  
1858  
827 ***Triceratium pentacrinum f. quadrata***  
**Hustedt 1930**  
828 *Triceratium scitulum* Schmidt 1874  
829 ***Triceratium shadboltianum* Schmidt 1882**  
830 *Triceratium shadboltianum* var. *kittonii*  
(Schmidt) F. W. Mills 1935  
831 *Trigonium reticulum* (Ehrenberg) Simonsen  
1974  
832 *Tropidoneis lepidoptera* (Gregory) Cleve 1894  
833 *Tropidoneis seriata* Cleve 1892  
834 *Tryblionella apiculata* Gregory 1857  
835 *Tryblionella gracilis* Wm. Smith 1853  
836 *Tryblionella hungarica* (Grunow) Mann 1990  
837 *Tryblionella levidensis* Smith 1856  
838 *Tryblionella marginulata* (Grunow) D. G. Mann  
1990  
839 *Tryblionella plana* (Wm. Smith) Pelletan 1889  
840 *Tryblionella punctata* Smith 1853

Anexo 2. LISTADO DE DINOFLAGELADOS POR ORDEN ALFBETICO (los números corresponden a los de la base de datos, en negritas se indican los que tienen fotografías o esquemas originales).

- 1 **Akashiwo sanguinea (Hirasaka) G. Hansen et O. Moestrup 2000**
- 2 **Alexandrium catenella (Whedon et Kofoid) Balech 1985**
- 3 **Alexandrium cohorticula (Balech) Balech 1985**
- 4 Alexandrium monilatum (Howell) Balech 1985
- 5 Amphidinium acutissimum Schiller 1933
- 6 Amphidinium acutum Lohmann 1920
- 7 Amphidinium carterae Hulburt 1957
- 8 Amphidinium crassum Lohmann 1908
- 9 Amphidinium globosum Schröder 1911
- 10 Amphidinium lanceolatum Schröder 1911
- 11 Amphidinium schroederii Schiller 1928
- 12 Amphidinium sphenoides Wulff 1919
- 13 Amphidinium turbo Kofoid et Swezy 1921
- 14 Amphisolenia asymmetrica Kofoid 1907
- 15 **Amphisolenia bidentata Schröder 1900**
- 16 **Amphisolenia globifera Stein 1883**
- 17 Amphisolenia lemmermannii Kofoid 1907
- 18 Amphisolenia palaeotheroides Kofoid 1907
- 19 Amphisolenia rectangulata Kofoid 1907
- 20 **Balechina coerulea (Dogiel) F. J. R. Taylor 1976**
- 21 Blepharocysta splendormaris (Ehrenberg) Ehrenberg 1873
- 22 **Centrodinium complanatum (Cleve) Kofoid 1907**
- 23 Ceratium arietinum Cleve 1900
- 24 Ceratium arietinum var. bucephalum (Cleve) Sournia 1966
- 25 **Ceratium arietinum var. gracilentum (Jørgensen) Sournia 1966**
- 26 **Ceratium azoricum Cleve 1900**
- 27 **Ceratium balechii f. longa Zamudio et Meave 2003**
- 28 **Ceratium balechii Meave Okolodkov et Zamudio 2003**
- 29 **Ceratium belone Cleve 1900**
- 30 **Ceratium biceps Claparede et Lachmann 1859**
- 31 Ceratium breve (Ostenfeld et Schmidt) Schröder 1906
- 32 **Ceratium breve var. parallelum (Schmidt) Jørgensen 1911**
- 33 **Ceratium breve var. schmidtii (Jørgensen) Sournia 1966**
- 34 **Ceratium candelabrum (Ehrenberg) Stein 1883**
- 35 Ceratium candelabrum var. depressum (Pouchet) Jørgensen 1920
- 36 **Ceratium carriense Gourret 1883**
- 37 **Ceratium carriense var. volans (Cleve) Jørgensen 1911**
- 38 **Ceratium cephalotum (Lemmermann) Jørgensen 1911**
- 39 Ceratium concilians Jørgensen 1920
- 40 **Ceratium contortum (Gourret) Cleve 1900**
- 41 Ceratium contortum f. subcontortum (Schröder) Steemann Nielsen 1934
- 42 Ceratium contortum var. karstenii (Pavillard) Sournia 1966
- 43 Ceratium contortum var. robustum (Karsten) Sournia 1966
- 44 **Ceratium contrarium (Gourret) Pavillard 1905**
- 45 Ceratium declinatum (Karsten) Jørgensen 1911
- 46 **Ceratium declinatum f. normale Jørgensen 1911**
- 47 Ceratium deflexum (Kofoid) Jørgensen 1911
- 48 **Ceratium digitatum Schütt 1895**
- 49 Ceratium divaricatum Kofoid 1908
- 50 **Ceratium euarcuatum Jørgensen 1920**
- 51 **Ceratium extensum (Gourret) Cleve 1900**
- 52 **Ceratium falcatifforme Jørgensen 1920**
- 53 **Ceratium falcatum (Kofoid) Jørgensen 1920**
- 54 **Ceratium furca (Ehrenberg) Claparede et Lachmann 1859**
- 55 **Ceratium furca var. eugrammum (Ehrenberg) Schiller 1937**
- 56 **Ceratium fusus (Ehrenberg) Dujardin 1841**
- 57 Ceratium fusus var. seta (Ehrenberg) Sournia 1966
- 58 Ceratium geniculatum (Lemmermann) Cleve 1901
- 59 **Ceratium gibberum Gourret 1883**
- 60 **Ceratium gibberum var. dispar (Pouchet) Sournia 1966**
- 61 **Ceratium gibberum var. subaequale Jørgensen 1911**
- 62 **Ceratium gravidum Gourret 1883**
- 63 **Ceratium hexacanthum Gourret 1883**
- 64 **Ceratium hexacanthum var. contortum Lemmermann 1899**
- 65 Ceratium hircus Schröder 1909
- 66 **Ceratium horridum (Cleve) Gran 1902**
- 67 **Ceratium horridum f. claviger (Kofoid) Sournia 1968**
- 68 Ceratium horridum var. buceros (Zacarias) Sournia 1966
- 69 **Ceratium horridum var. molle Böhm 1931**
- 70 Ceratium humile Jørgensen 1911
- 71 **Ceratium incisum (Karsten) Jørgensen 1911**
- 72 Ceratium inflatum (Kofoid) Jørgensen 1911
- 73 **Ceratium kofoidii Jørgensen 1911**
- 74 **Ceratium limulus (Gourret ex Pouchet) Gourret 1883**
- 75 **Ceratium lineatum (Ehrenberg) Cleve 1899**

- 76 *Ceratium longirostrum* Gourret 1883
- 77 ***Ceratium longissimum* (Schröder) Kofoid 1907**
- 78 ***Ceratium lunula* (Schimper ex Karsten) Jörgensen 1911**
- 79 *Ceratium lunula* f. *brachyceros* Jörgensen 1911
- 80 *Ceratium lunula* f. *robustum* F.J.R. Taylor 1976
- 81 ***Ceratium macroceros* (Ehrenberg) Vanhöffen 1897**
- 82 *Ceratium macroceros* var. *gallicum* (Kofoid) Sournia 1911
- 83 *Ceratium massiliense* (Gourret) Jörgensen 1911
- 84 *Ceratium massiliense* var. *armatum* (Karsten) Jörgensen 1911
- 85 ***Ceratium minutum* Jörgensen 1920**
- 86 ***Ceratium paradoxides* Cleve 1900**
- 87 ***Ceratium pavillardii* Jörgensen 1911**
- 88 *Ceratium pentagonum* Gourret 1883
- 89 *Ceratium pentagonum* var. *robustum* (Cleve) Jörgensen 1920
- 90 ***Ceratium pentagonum* var. *tenerum* Jörgensen 1920**
- 91 *Ceratium petersi* Steemann Nielsen 1934
- 92 ***Ceratium platycorne* Daday 1888**
- 93 ***Ceratium praelongum* (Lemmermann) Kofoid 1907 ex Jörgensen 1911**
- 94 ***Ceratium ranipes* Cleve 1900**
- 95 ***Ceratium reflexum* Cleve 1900**
- 96 *Ceratium schrankii* Kofoid 1907
- 97 ***Ceratium setaceum* Jörgensen 1911**
- 98 *Ceratium strictum* (Okamura Et Nishikawa) Kofoid 1907
- 99 *Ceratium symetricum* Pavillard 1905
- 100 *Ceratium symetricum* var. *coarctatum* (Pavillard) Graham et Bronikovsky 1944
- 101 ***Ceratium symetricum* var. *orthoceras* (Jörgensen) Graham et Bronikovsky 1944**
- 102 *Ceratium tenue* Ostenfeld et J. Schmidt 1901
- 103 *Ceratium tenue* var. *buceros* Balech 1988
- 104 *Ceratium tenue* var. *tenuissimum* (Kofoid) Graham et Bronikowsky 1944
- 105 ***Ceratium teres* Kofoid 1907**
- 106 ***Ceratium trichoceros* (Ehrenberg) Kofoid 1908**
- 107 ***Ceratium tripos* (O.F. Müller) Nitzsch 1817**
- 108 ***Ceratium tripos* var. *atlanticum* (Ostenfeld) Paulsen 1907**
- 109 *Ceratium tripos* var. *indicum* (Böhm) F. J. R. Taylor 1976
- 110 *Ceratium tripos* var. *ponticum* Jörgensen 1920
- 111 *Ceratium tripos* var. *porrectum* Karsten 1907
- 112 *Ceratium tripos* var. *pulchellum* (Schröder) López ex Sournia 1955
- 113 *Ceratium tripos* var. *tripodioides* Jörgensen 1920
- 114 ***Ceratium vultur* Cleve 1900**
- 115 ***Ceratium vultur* f. *japonicum* (Schröder) Wood 1954**
- 116 *Ceratium vultur* f. *recurvum* (Jörgensen) Schiller 1937
- 117 *Ceratium vultur* f. *sumatranum* (Karsten) Sournia 1967
- 118 ***Ceratocorys armata* (Schütt) Kofoid 1910**
- 119 ***Ceratocorys bipes* (Cleve) Kofoid 1910**
- 120 ***Ceratocorys gourretii* Paulsen 1931**
- 121 ***Ceratocorys horrida* Stein 1883**
- 122 *Ceratocorys magna* Kofoid 1910
- 123 *Ceratocorys reticulata* Graham 1942
- 124 ***Citharistes apsteinii* Schütt 1895**
- 125 ***Cochlodinium catenatum* Okamura 1916**
- 126 *Cochlodinium pimum* (Schütt) Lemmermann 1899
- 127 *Cochlodinium polykrikoides* Margalef 1961
- 128 ***Corythodinium diploconus* (Stein) F. J. R. Taylor 1976**
- 129 *Corythodinium latum* (Gaardner) F. J. R. Taylor 1976
- 130 *Corythodinium tessellatum* (Stein) Loeblich Jr. et Loeblich III 1966
- 131 *Dinophysis acuminata* Claparède et Lachmann 1859
- 132 *Dinophysis acutoides* Balech 1967
- 133 *Dinophysis amphora* Balech 1971
- 134 ***Dinophysis brevisulcus* Tai et Skogsberg 1934**
- 135 *Dinophysis caudata* f. *acutiformis* Kofoid et Skogsberg 1928
- 136 ***Dinophysis caudata* Saville-Kent 1881**
- 137 *Dinophysis diegensis* f. *curvata* Kofoid 1933
- 138 ***Dinophysis diegensis* Kofoid 1907**
- 139 *Dinophysis ellipsoides* Kofoid 1907
- 140 ***Dinophysis exigua* Kofoid et Skogsberg 1928**
- 141 ***Dinophysis fortii* Pavillard 1923**
- 142 ***Dinophysis hastata* Stein 1883**
- 143 *Dinophysis homunculus* Stein 1883
- 144 *Dinophysis miles* Cleve 1900
- 145 *Dinophysis norvegica* Claparède et Lachmann 1859
- 146 *Dinophysis recurva* Kofoid et Skogsberg 1928
- 147 *Dinophysis sacculus* Stein 1883
- 148 *Dinophysis schroederii* Pavillard 1909
- 149 ***Dinophysis schuettii* Murray et Whitting 1899**
- 150 *Dinophysis similis* Kofoid et Skogsberg 1928
- 151 ***Dinophysis sphaerica* Stein 1883**
- 152 ***Dinophysis tripos* Gourret 1883**
- 153 ***Dinophysis uracantha* Stein 1883**
- 154 *Dinophysis urceolus* Kofoid et Skogsberg 1928
- 155 ***Diplopelta asymmetrica* (Mangin) Lebour 1922**
- 156 *Diplopelta globulus* (Abé) Balech 1979
- 157 *Diplopeltopsis minor* (Paulsen) Pavillard 1913
- 158 *Diplopsalopsis bomba* (Stein) Dodge et Toriumi 1993
- 159 *Dissodinium elegans* (Pavillard) Matzenauer 1933

- 160 *Dissodinium gerbaultii* (Pavillard) F.J.R. Taylor 1976
- 161 *Dissodinium lunula* (Schütt) Paasche 1916
- 162 *Dissodinium pseudolunula* Swift ex Elbrächter et Drebes 1978
- 163 *Fragilidium mexicanum* balech 1988
- 164 ***Goniodoma polyedricum* (Pouchet) Jørgensen 1899**
- 165 *Goniodoma sphaericum* Murray et Whitting 1899
- 166 *Gonyaulax acatenella* Whedon et Kofoid 1936
- 167 *Gonyaulax apiculata* (Pénard) Entz 1904
- 168 *Gonyaulax birostris* Stein 1883
- 169 *Gonyaulax brunii* F.J.R. Taylor 1976
- 170 *Gonyaulax catenata* (Levander) Kofoid 1911
- 171 *Gonyaulax ceratocoroides* (Murray et Whitting) Kofoid 1910
- 172 *Gonyaulax diegensis* Kofoid 1911
- 173 ***Gonyaulax digitale* (Pouchet) Kofoid 1911**
- 174 *Gonyaulax fragilis* (Schütt) Kofoid 1911
- 175 *Gonyaulax fratercula* Balech 1964
- 176 *Gonyaulax fusiformis* Graham 1942
- 177 *Gonyaulax grindleyi* Reinecke 1967
- 178 *Gonyaulax hyalina* Ostefeld et J. Schmidt 1901
- 179 ***Gonyaulax jollifei* Murray et Whitting 1899**
- 180 *Gonyaulax minima* Matzenauer 1933
- 181 *Gonyaulax minuta* Kofoid et Michener 1911
- 182 *Gonyaulax ovalis* Schiller 1929
- 183 ***Gonyaulax pacifica* Kofoid 1907**
- 184 ***Gonyaulax polygramma* Stein 1883**
- 185 *Gonyaulax sphaeroidea* Kofoid 1911
- 186 ***Gonyaulax spinifera* (Claparède et Lachmann) Diesing 1866**
- 187 *Gonyaulax striata* Manguin 1922
- 188 *Gonyaulax thriacantha* Jørgensen 1899
- 189 *Gonyaulax turbynei* Murray et Whitting 1899
- 190 *Gymnodinium abbreviatum* Kofoid et Swezy 1921
- 191 *Gymnodinium aequatoriale* Hasle 1960
- 192 *Gymnodinium auratum* Kofoid et Swezy 1921
- 193 ***Gymnodinium catenatum* Graham 1943**
- 194 *Gymnodinium herbaceum* Kofoid et Swezy 1921
- 195 *Gymnodinium lohmannii* Paulsen 1908
- 196 *Gymnodinium mirabile* Pénard 1891
- 197 *Gymnodinium mitratum* Schiller 1933
- 198 *Gymnodinium ochraceum* Kofoid 1931
- 199 *Gymnodinium punctatum* Pouchet 1887
- 200 *Gymnodinium rhomboides* Schütt 1895
- 201 *Gymnodinium rubrum* Kofoid et Swezy 1921
- 202 *Gymnodinium simplex* (Lohmann) Kofoid et Swezy 1921
- 203 *Gymnodinium vestificii* Schütt 1895
- 204 *Gyrodinium falcatum* Kofoid et Swezy 1921
- 205 *Gyrodinium fusiforme* Kofoid et Swezy 1921
- 206 *Gyrodinium spirale* (Bergh) Kofoid et Swezy 1921
- 207 *Helgolandinium subglobosum* von Stosch 1969
- 208 *Heterocapsa triquetra* (Ehrenberg) Stein 1883
- 209 ***Heterodinium blackmani* (Murray et Witting) Kofoid 1906**
- 210 *Heteroschisma subantartica* Balech 1971
- 211 *Histioneis biremis* Stein 1883
- 212 *Histioneis cymbalaria* Stein 1883
- 213 ***Histioneis depressa* Schiller 1931**
- 214 ***Histioneis hippoperoides* Kofoid et Michener 1911**
- 215 ***Histioneis hyalina* Kofoid et Michener 1928**
- 216 ***Histioneis isseli* Forti 1932**
- 217 *Histioneis mitchellana* Murray et Whitting 1899
- 218 *Histioneis para* Murray et Whitting 1899
- 219 *Histioneis paraformis* (Kofoid et Skoksberg) Balech 1971
- 220 *Histioneis pieltaini* Osorio-Tafall 1942
- 221 ***Histioneis pulchra* Kofoid 1907**
- 222 *Karenia breve* (Davis) G. Hansen et O. Moestrup 2000
- 223 ***Kofoidinium lebourae* (Pavillard) F.J.R. Taylor 1976**
- 224 *Kofoidinium splendens* J. Cachon et M. Cachon 1967
- 225 *Lingulodinium polyedra* (Stein) Dodge 1989
- 226 *Mesoporos perforatus* (Gran) Lillick 1937
- 227 *Metaphalacroma skogsbergi* Tai 1934
- 228 ***Noctiluca scintillans* (Macartney) Kofoid et Swezy 1921**
- 229 *Oblea baculifera* Balech 1964
- 230 ***Ornithocercus cristatus* Matzenauer 1933**
- 231 *Ornithocercus formosus* Kofoid et Michener 1911
- 232 ***Ornithocercus galia* (Pouchet) Abé 1967**
- 233 ***Ornithocercus heteroporoides* Abé 1967**
- 234 ***Ornithocercus heteroporus* Kofoid 1907**
- 235 ***Ornithocercus magnificus* Stein 1883**
- 236 ***Ornithocercus orbiculatus* Kofoid et Michener 1911**
- 237 ***Ornithocercus quadratus* schütt 1900**
- 238 *Ornithocercus skogsbergii* Abé 1967
- 239 ***Ornithocercus splendidus* Schütt 1883**
- 240 *Ornithocercus steinii* Schütt 1900
- 241 ***Ornithocercus thurnii* (Schmidt) Kofoid et Skogsberg 1928**
- 242 ***Oxyphysis oxytoxoides* Kofoid 1926**
- 243 *Oxytoxum caudatum* Schiller 1937
- 244 ***Oxytoxum constrictum* (Stein) F. J. R. Taylor 1976**
- 245 *Oxytoxum crassum* Schiller 1937
- 246 *Oxytoxum diploconus* Stein 1883
- 247 *Oxytoxum elegans* Pavillard 1916
- 248 *Oxytoxum gracile* Schiller 1937
- 249 *Oxytoxum laticeps* Schiller 1937
- 250 *Oxytoxum lativelatum* F. J. R. Taylor 1976
- 251 *Oxytoxum longiceps* Schiller 1937
- 252 *Oxytoxum milneri* Murray et Whitting 1899
- 253 *Oxytoxum mitra* Stein 1883
- 254 *Oxytoxum pachyderme* Schiller ex F.J.R. Taylor 1976
- 255 ***Oxytoxum parvum* Schiller 1937**

- 256 *Oxytoxum reticulatum* (Stein) Schütt 1895  
257 ***Oxytoxum sceptrum* (Stein) Schröder 1906**  
258 ***Oxytoxum scolopax* Stein 1883**  
259 *Oxytoxum sphaeroideum* Stein 1883  
260 ***Oxytoxum variabile* Schiller 1937**  
261 *Oxytoxum viride* Schiller 1937  
262 *Pavillardinium spinosum* (Kofoid) F. J. R. Taylor ex Sournia 1973  
263 *Peridiniella danica* (Paulsen) Odkolodkov et Dodge 1985  
264 *Peridiniella sphaeroidea* Kofoid et Michener 1911  
265 *Peridiniopsis polonicum* (Woloszynska) Bourrelly 1968  
266 *Phalacroma acutum* (Schütt) Pavillard 1916  
267 ***Phalacroma argus* Stein 1883**  
268 *Phalacroma contractum* Kofoid et Skoksberg 1928  
269 ***Phalacroma cuneus* Schütt 1895**  
270 *Phalacroma dolychopterigium* Murray et Whitting 1899  
271 ***Phalacroma doryphorum* Stein 1883**  
272 ***Phalacroma expulsus* (Kofoid et Michener) Kofoid et Skoksberg 1928**  
273 ***Phalacroma favus* Kofoid et Michener 1911**  
274 ***Phalacroma hindmarchii* Murray et Whitting 1899**  
275 ***Phalacroma mitra* Schütt 1895**  
276 ***Phalacroma mucronatum* Kofoid et Skoksberg 1928**  
277 *Phalacroma operculoides* Schütt 1895  
278 ***Phalacroma ovum* Schütt 1895**  
279 ***Phalacroma parvulum* (Schütt) Jörgensen 1923**  
280 ***Phalacroma porodictyum* Stein 1883**  
281 ***Phalacroma rapa* Stein 1883**  
282 ***Phalacroma rotundata* (Claparède et Lachmann) Kofoid et Michener 1911**  
283 ***Phalacroma rudgei* Murray et Whitting 1899**  
284 ***Podolampas bipes* Stein 1883**  
285 ***Podolampas elegans* Schütt 1895**  
286 ***Podolampas palmipes* Stein 1883**  
287 ***Podolampas reticulata* Kofoid 1907**  
288 ***Podolampas spinifer* Okamura 1912**  
289 *Polykrikos kofoidii* Chatton 1914  
290 *Polykrikos shwartzii* Bütschli 1873  
291 *Preperidinium meunierii* (Pavillard) Elbrächter 1993  
292 *Pronoctiluca acuta* (Lohmann) Schiller 1933  
293 ***Pronoctiluca pelagica* Fabre-Domergue 1889**  
294 *Pronoctiluca rostrata* F.J.R. Taylor 1976  
295 *Prorocentrum arcuatum* Issel 1928  
296 *Prorocentrum balticum* (Lohmann) Loeblich III 1970  
297 ***Prorocentrum compressum* (Bailey) Abé ex Dodge 1967**  
298 *Prorocentrum dentatum* Stein 1883  
299 ***Prorocentrum gracile* Schütt 1895**  
300 *Prorocentrum lima* (Ehrenberg) Dodge 1975  
301 *Prorocentrum maximum* (Gourret) Schiller 1933  
302 *Prorocentrum mexicanum* Osorio-Tafall 1942  
303 ***Prorocentrum micans* Ehrenberg 1833**  
304 *Prorocentrum minimum* (Pavillard) Schiller 1933  
305 *Prorocentrum oblongum* (Schiller) F.J.R. Taylor 1976  
306 *Prorocentrum rostratum* Stein 1883  
307 *Prorocentrum scutellum* Schröder 1900  
308 *Prorocentrum vaginulum* (Stein) Dodge 1975  
309 *Protoceratium reticulatum* (Claparède et Lachmann) Bütschli 1885; sensu Hargraves et Maranda 2002  
310 *Protoceratium spinulosum* (Murray et Whitting) Schiller 1937  
311 *Protoperidinium abei* (Paulsen) Balech 1974  
312 *Protoperidinium achromaticum* (Levander) Balech 1974  
313 *Protoperidinium acutipes* (Dangeard) Balech 1974  
314 *Protoperidinium asymmetricum* (Abé) Balech 1974  
315 *Protoperidinium avellana* (Meunier) Balech 1974  
316 *Protoperidinium biconicum* (Dangeard) Balech 1974  
317 ***Protoperidinium bipes* (Paulsen) Balech 1974**  
318 *Protoperidinium bispinum* (Schiller) Balech 1974  
319 *Protoperidinium brevipes* (Paulsen) Balech 1974  
320 *Protoperidinium brochii* (Kofoid et Swezy) Balech 1974  
321 *Protoperidinium cassum* var. *descens* (Balech) Balech 1987  
322 ***Protoperidinium cerasus* (Paulsen) Balech 1973**  
323 ***Protoperidinium claudicans* (Paulsen) Balech 1974**  
324 *Protoperidinium compressum* (Abé) Balech 1974  
325 *Protoperidinium conicoides* (Paulsen) Balech 1973  
326 *Protoperidinium conicum* (Gran) Balech 1974  
327 *Protoperidinium corniculum* (Kofoid et Michener) F. J. R. Taylor et Balech 1988  
328 ***Protoperidinium crassipes* (Kofoid) Balech 1974**  
329 *Protoperidinium dakariensis* (Dangeard) Balech 1974  
330 *Protoperidinium decipiens* (Jörgensen) Parke et Dodge in Parke et Dixon 1976  
331 *Protoperidinium depressum* (Bailey) Balech 1974  
332 *Protoperidinium divaricatum* (Meunier) Parker et Dodge 1976  
333 ***Protoperidinium divergens* (Ehrenberg) Balech 1974**

- 334 **Protopteridinium elegans (Cleve) Balech 1974**
- 335 Protopteridinium excentricum (Paulsen) Balech 1974
- 336 Protopteridinium fatulipes (Kofoid) Balech 1974
- 337 Protopteridinium globulum (Stein) Balech 1974
- 338 Protopteridinium grande (Kofoid) Balech 1974
- 339 Protopteridinium granii (Ostenfeld) Balech 1974
- 340 Protopteridinium hamatum balech 1979
- 341 Protopteridinium hirobis (Abé) Balech 1974
- 342 **Protopteridinium joergenseni (Balech) Balech 1974**
- 343 Protopteridinium latidorsale (Dangeard) Balech 1974
- 344 **Protopteridinium latispinum (Mangin) Balech 1974**
- 345 Protopteridinium latissimum (Kofoid) Balech 1974
- 346 Protopteridinium leonis (Pavillard) Balech 1974
- 347 Protopteridinium longipes (Karsten) Balech 1974
- 348 Protopteridinium makronyx Schiller 1929
- 349 Protopteridinium marineleburae (Paulsen) Balech 1974
- 350 Protopteridinium mediterraneum (Kofoid) Balech 1974
- 351 Protopteridinium minutum (Kofoid) Loeblich III 1969
- 352 **Protopteridinium mite (Pavillard) Balech 1974**
- 353 Protopteridinium murrayi (Kofoid) Hernández-Becerril 1991
- 354 Protopteridinium nux (Schiller) Balech 1974
- 355 **Protopteridinium obtusum (Karsten) Parke et Dodge in Parke et Dixon 1976**
- 356 **Protopteridinium oceanicum (Vanhöffen) Balech 1974**
- 357 Protopteridinium orbiculare (Paulsen) Hernández-Becerril 1987
- 358 Protopteridinium ovatum Pouchet 1883
- 359 **Protopteridinium ovum (Paulsen) Balech 1974**
- 360 Protopteridinium pacificum (Kofoid et Michener) F.J.R. Taylor et Balech 1988
- 361 Protopteridinium pallidum (Ostenfeld) Balech 1973
- 362 Protopteridinium pallidum var daedalum (Ostenfeld) Balech 1978
- 363 **Protopteridinium parapyriforme (Hermosilla) Balech 1974**
- 364 **Protopteridinium parvicollum (Balech) Balech 1973**
- 365 Protopteridinium parvispinum (Gaarder) Balech 1974
- 366 **Protopteridinium pellucidum Bergh 1881**
- 367 **Protopteridinium pentagonum (Gran) Balech 1974**
- 368 **Protopteridinium punctulatum (Paulsen) Balech 1974**
- 369 Protopteridinium pyriforme (Paulsen) Balech 1974
- 370 Protopteridinium pyriforme var. breve (Paulsen) Balech 1974
- 371 Protopteridinium pyrum (Balech) Balech 1974
- 372 **Protopteridinium quarnerense (Schröder) Balech 1974**
- 373 Protopteridinium retiferum (Metzenauer) Balech 1978
- 374 Protopteridinium robustum (Meunier) Hernández-Becerril 1991
- 375 Protopteridinium roseum (Paulsen) Balech 1974
- 376 Protopteridinium schillerii (Paulsen) Balech 1974
- 377 **Protopteridinium simulum (Paulsen) Balech 1974**
- 378 Protopteridinium steinii (Jørgensen) Balech 1974
- 379 Protopteridinium subinerme (Paulsen) Loeblich III 1969
- 380 Protopteridinium subpyriforme (Dangeard) Balech 1974
- 381 Protopteridinium subsphaericum (Balech) Balech 1974
- 382 **Protopteridinium tenuissimum (Kofoid) Balech 1974**
- 383 Protopteridinium thorianum (Paulsen) Balech 1973
- 384 Protopteridinium tristylum (Stein) Balech 1974
- 385 Protopteridinium tuba (Schiller) Balech 1974
- 386 Protopteridinium tumidum (Okamura) Balech 1988
- 387 **Protopteridinium venustum (Matzenauer) Balech 1974**
- 388 **Protopteridinium vulgare Balech 1978**
- 389 Protopteridinium wiesnerii (Schiller) Balech 1974
- 390 **Pseliodinium vaubanii Sournia 1972**
- 391 Pseudophalacroma nasutum (Stein) Jørgensen 1923
- 392 **Ptychodiscus noctiluca Stein 1883**
- 393 Pyrocystis fusiformis var. detruncata Matzenauer 1933
- 394 Pyrocystis fusiformis var. lanceolata (Schröder) F.J.R. Taylor 1976
- 395 Pyrocystis fusiformis Wyville-Thompson ex Blackmann 1902
- 396 Pyrocystis hamulus Cleve 1900
- 397 Pyrocystis noctiluca Murray 1885 ex Schütt
- 398 **Pyrocystis robusta Kofoid 1907**
- 399 Pyrodinium bahamense Plate 1906
- 400 **Pyrodinium bahamense var. compressa (Böhm) Steidinger, Tester et F. J. R. Taylor 1980**
- 401 Pyrophacus horologium Stein 1883
- 402 **Pyrophacus steinii (Schiller) Wall et Dale 1971**
- 403 Pyrophacus steinii ssp. vancampoae (Rossignol) Balech 1988

- 404 **Schuettiella mitra (Schütt) Balech 1988**  
405 *Scrippsiella trochoidea* (Stein) Loeblich III  
1976  
406 **Sinophysis microcephalus Nie et Wang  
1944**  
407 **Spiraulax kofoidii Graham 1942**  
408 *Torodinium robustum* Kofoid et Swezy 1921  
409 **Triposolenia bicornis Kofoid 1906**  
410 **Triposolenia depressa Kofoid 1906**  
411 *Warnowia schuettii* (Kofoid et Swezy) Schiller  
1933

**LISTADO DE SILICOFLAGELADOS POR  
ORDEN ALFBETICO (los números  
corresponden a los de la base de datos, en  
negritas se indican los que tienen fotografías o  
esquemas originales).**

- 1 ***Dictyocha calida* Poelchau 1976**  
2 ***Dictyocha californica* Schrader et Murray  
1985**  
3 ***Dictyocha fibula* Ehrenberg 1839**  
4 ***Dictyocha fibula* var. *robusta* Schrader et  
Murray 1985**  
5 ***Octactis octonaria* (Ehrenberg) Hovasse 1946**  
6 *Octactis octonaria* var. *pulchra* (Schiller)  
Thronsen 1997