**Appendix 3:** Species list with taxonomical information of Order and functional group of each species found in the study period.

| Scientific name of species or group | Order | Functional group |
| --- | --- | --- |
| *Cocconeis spp.* | Achnanthales | Diatom |
| *Eunotogramma dubium* | Anaulales | Diatom |
| *Aulacoseira spp.* | Aulacoseirales | Diatom |
| *Bacillaria paxillifer* | Bacillariales | Diatom |
| *Cylindrotheca closterium* | Bacillariales | Diatom |
| *Cylindrotheca gracilis* | Bacillariales | Diatom |
| *Fragilariopsis spp.* | Bacillariales | Diatom |
| *Nitzschia spp.* | Bacillariales | Diatom |
| *Nitzschia coarctata* | Bacillariales | Diatom |
| *Nitzschia reversa* | Bacillariales | Diatom |
| *Nitzschia sigma* | Bacillariales | Diatom |
| *Pseudo-nitzschia spp.* | Bacillariales | Diatom |
| *Pseudo-nitzschia australis* | Bacillariales | Diatom |
| *Pseudo-nitzschia delicatissima* | Bacillariales | Diatom |
| *Pseudo-nitzschia fraudulenta* | Bacillariales | Diatom |
| *Pseudo-nitzschia granii* | Bacillariales | Diatom |
| *Pseudo-nitzschia heimii* | Bacillariales | Diatom |
| *Pseudo-nitzschia pseudodelicatissima* | Bacillariales | Diatom |
| *Pseudo-nitzschia pungens* | Bacillariales | Diatom |
| *Pseudo-nitzschia seriata f. obtusa* | Bacillariales | Diatom |
| *Pseudo-nitzschia seriata f. seriata* | Bacillariales | Diatom |
| *Pseudo-nitzschia subpacifica* | Bacillariales | Diatom |
| *Pseudo-nitzschia turgidula* | Bacillariales | Diatom |
| Centrales | Centrales | Diatom |
| *Attheya spp.* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Bacteriastrum hyalinum* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros spp.* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros affinis* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros anastomosans* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros atlanticus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros borealis* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros brevis* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros bulbosus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros ceratosporus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros compressus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros concavicornis* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros constrictus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros contortus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros convolutus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros coronatus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros costatus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros curvisetus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros danicus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros debilis* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros decipiens* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros densus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros diadema* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros dichaeta* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros didymus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros eibenii* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros lauderi* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros lorenzianus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros peruvianus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros pseudocurvisetus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros radicans* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros seiracanthus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros septentrionalis* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros similis* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros simplex* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros simplex var. calcitrans* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros socialis* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros subtilis* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros teres* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Chaetoceros tortissimus* | Chaetocerotanae\_incertae\_sedis | Diatom |
| *Corethron criophilum* | Corethrales | Diatom |
| *Actinocyclus spp.* | Coscinodiscales | Diatom |
| *Actinocyclus normanii* | Coscinodiscales | Diatom |
| *Actinocyclus octonarius* | Coscinodiscales | Diatom |
| *Actinocyclus roperi* | Coscinodiscales | Diatom |
| *Actinoptychus senarius* | Coscinodiscales | Diatom |
| *Actinoptychus splendens* | Coscinodiscales | Diatom |
| *Aulacodiscus argus* | Coscinodiscales | Diatom |
| *Coscinodiscus spp.* | Coscinodiscales | Diatom |
| *Coscinodiscus centralis* | Coscinodiscales | Diatom |
| *Coscinodiscus concinnus* | Coscinodiscales | Diatom |
| *Coscinodiscus granii* | Coscinodiscales | Diatom |
| *Coscinodiscus perforatus var. pavillardii* | Coscinodiscales | Diatom |
| *Coscinodiscus radiatus* | Coscinodiscales | Diatom |
| *Coscinodiscus wailesii* | Coscinodiscales | Diatom |
| *Roperia tesselata* | Coscinodiscales | Diatom |
| *Brockmanniella brockmannii* | Cymatosirales | Diatom |
| *Campylosira cymbelliformis* | Cymatosirales | Diatom |
| *Cymatosira belgica* | Cymatosirales | Diatom |
| *Lennoxia faveolata* | Cymatosirales | Diatom |
| *Minutocellus polymorphus* | Cymatosirales | Diatom |
| *Minutocellus scriptus* | Cymatosirales | Diatom |
| *Plagiogrammopsis vanheurckii* | Cymatosirales | Diatom |
| *Asterionella formosa* | Fragilariales | Diatom |
| *Asterionella glacialis* | Fragilariales | Diatom |
| *Asterionella kariana* | Fragilariales | Diatom |
| *Diatoma tenuis* | Fragilariales | Diatom |
| *Fragilaria spp.* | Fragilariales | Diatom |
| *Fragilaria oblonga* | Fragilariales | Diatom |
| *Fragilaria ulna* | Fragilariales | Diatom |
| *Bellerochea malleus* | Hemiaulales | Diatom |
| *Cerataulina pelagica* | Hemiaulales | Diatom |
| *Eucampia groenlandica* | Hemiaulales | Diatom |
| *Eucampia zodiacus* | Hemiaulales | Diatom |
| *Subsilicea fragilarioides* | Hemiaulales | Diatom |
| *Leptocylindrus danicus* | Leptocylindrales | Diatom |
| *Leptocylindrus mediterraneus* | Leptocylindrales | Diatom |
| *Leptocylindrus minimus* | Leptocylindrales | Diatom |
| *Licmophora spp.* | Licmophorales | Diatom |
| *Ditylum brightwellii* | Lithodesmiales | Diatom |
| *Helicotheca tamesis* | Lithodesmiales | Diatom |
| *Lithodesmium undulatum* | Lithodesmiales | Diatom |
| *Tropidoneis spp.* | Lithodesmiales | Diatom |
| *Melosira spp.* | Melosirales | Diatom |
| *Melosira moniliformis* | Melosirales | Diatom |
| *Melosira nummuloides* | Melosirales | Diatom |
| *Melosira westii* | Melosirales | Diatom |
| *Podosira stelligera* | Melosirales | Diatom |
| *Stephanopyxis palmeriana* | Melosirales | Diatom |
| *Stephanopyxis turris* | Melosirales | Diatom |
| *Diploneis spp.* | Naviculales | Diatom |
| *Gyrosigma spp.* | Naviculales | Diatom |
| *Gyrosigma balticum* | Naviculales | Diatom |
| *Gyrosigma fasciola* | Naviculales | Diatom |
| *Gyrosigma tenuissimum* | Naviculales | Diatom |
| *Haslea spp.* | Naviculales | Diatom |
| *Membraneis challengeri* | Naviculales | Diatom |
| *Navicula spp.* | Naviculales | Diatom |
| *Navicula distans* | Naviculales | Diatom |
| *Pleurosigma spp.* | Naviculales | Diatom |
| *Pleurosigma aestuarii* | Naviculales | Diatom |
| *Pleurosigma affine* | Naviculales | Diatom |
| *Pleurosigma angulatum* | Naviculales | Diatom |
| *Pleurosigma planctonicum* | Naviculales | Diatom |
| *Stauroneis membranacea* | Naviculales | Diatom |
| *Trachyneis aspera* | Naviculales | Diatom |
| *Paralia marina* | Paraliales | Diatom |
| *Delphineis minutissima* | Rhaponeidales | Diatom |
| *Delphineis surirella* | Rhaponeidales | Diatom |
| *Rhaphoneis spp.* | Rhaponeidales | Diatom |
| *Rhaphoneis amphiceros* | Rhaponeidales | Diatom |
| *Dactyliosolen blavyanus* | Rhizosoleniales | Diatom |
| *Dactyliosolen phuketensis* | Rhizosoleniales | Diatom |
| *Guinardia flaccida* | Rhizosoleniales | Diatom |
| *Rhizosolenia spp.* | Rhizosoleniales | Diatom |
| *Rhizosolenia alata* | Rhizosoleniales | Diatom |
| *Rhizosolenia delicatula* | Rhizosoleniales | Diatom |
| *Rhizosolenia fragilissima* | Rhizosoleniales | Diatom |
| *Rhizosolenia hebetata f. hiemalis* | Rhizosoleniales | Diatom |
| *Rhizosolenia hebetata f. semispina* | Rhizosoleniales | Diatom |
| *Rhizosolenia indica* | Rhizosoleniales | Diatom |
| *Rhizosolenia pungens* | Rhizosoleniales | Diatom |
| *Rhizosolenia robusta* | Rhizosoleniales | Diatom |
| *Rhizosolenia setigera* | Rhizosoleniales | Diatom |
| *Rhizosolenia shrubsolei* | Rhizosoleniales | Diatom |
| *Rhizosolenia stolterfothii* | Rhizosoleniales | Diatom |
| *Rhizosolenia styliformis* | Rhizosoleniales | Diatom |
| *Grammatophora marina* | Striatellales | Diatom |
| *Striatella unipunctata* | Striatellales | Diatom |
| *Campylodiscus spp.* | Surirellales | Diatom |
| *Entomoneis spp.* | Surirellales | Diatom |
| *Surirella spp.* | Surirellales | Diatom |
| *Thalassionema spp.* | Thalassionematales | Diatom |
| *Thalassionema nitzschioides* | Thalassionematales | Diatom |
| *Thalassiothrix longissima* | Thalassionematales | Diatom |
| *Amphora spp.* | Thalassiophysales | Diatom |
| *Cyclostephanos dubius* | Thalassiosirales | Diatom |
| *Cyclotella spp.* | Thalassiosirales | Diatom |
| *Cyclotella meneghiniana* | Thalassiosirales | Diatom |
| *Detonula pumila* | Thalassiosirales | Diatom |
| *Lauderia annulata* | Thalassiosirales | Diatom |
| *Porosira glacialis* | Thalassiosirales | Diatom |
| *Skeletonema costatum* | Thalassiosirales | Diatom |
| *Skeletonema potamos* | Thalassiosirales | Diatom |
| *Skeletonema subsalsum* | Thalassiosirales | Diatom |
| *Stephanodiscus spp.* | Thalassiosirales | Diatom |
| *Thalassiosira spp.* | Thalassiosirales | Diatom |
| *Thalassiosira angstii* | Thalassiosirales | Diatom |
| *Thalassiosira anguste-lineata* | Thalassiosirales | Diatom |
| *Thalassiosira eccentrica* | Thalassiosirales | Diatom |
| *Thalassiosira hendeyi* | Thalassiosirales | Diatom |
| *Thalassiosira lacustris* | Thalassiosirales | Diatom |
| *Thalassiosira levanderi* | Thalassiosirales | Diatom |
| *Thalassiosira nodulolineata* | Thalassiosirales | Diatom |
| *Thalassiosira nordenskioeldii* | Thalassiosirales | Diatom |
| *Thalassiosira rotula* | Thalassiosirales | Diatom |
| *Auliscus sculptus* | Triceratiales | Diatom |
| *Cerataulus radiatus* | Triceratiales | Diatom |
| *Cerataulus turgidus* | Triceratiales | Diatom |
| *Odontella aurita* | Triceratiales | Diatom |
| *Odontella aurita var. minima* | Triceratiales | Diatom |
| *Odontella granulata* | Triceratiales | Diatom |
| *Odontella mobiliensis* | Triceratiales | Diatom |
| *Odontella regia* | Triceratiales | Diatom |
| *Odontella rhombus* | Triceratiales | Diatom |
| *Odontella sinensis* | Triceratiales | Diatom |
| *Odontella subaequa* | Triceratiales | Diatom |
| *Triceratium alternans* | Triceratiales | Diatom |
| *Chattonella spp.* | Chattonellales | Flagellate |
| *Chattonella antiqua* | Chattonellales | Flagellate |
| *Fibrocapsa japonica* | Chattonellales | Flagellate |
| *Heterosigma akashiwo* | Chattonellales | Flagellate |
| *Halosphaeraceae* | Chlorodendrales | Flagellate |
| *Tetraselmis spp.* | Chlorodendrales | Flagellate |
| *Dinobryon spp.* | Chromulinales | Flagellate |
| *Dinobryon faculiferum* | Chromulinales | Flagellate |
| *Dinobryon petiolatum* | Chromulinales | Flagellate |
| *Paulsenella spp.* | Coccidiniales | Flagellate |
| *Paulsenella chaetoceratis* | Coccidiniales | Flagellate |
| *Braarudosphaera bigelowii* | Coccosphaerales | Flagellate |
| *Dictyocha spp.* | Dictyochales | Flagellate |
| *Dictyocha fibula* | Dictyochales | Flagellate |
| *Dictyocha speculum* | Dictyochales | Flagellate |
| *Dinophysis spp.* | Dinophysiales | Flagellate |
| *Dinophysis acuminata* | Dinophysiales | Flagellate |
| *Dinophysis acuta* | Dinophysiales | Flagellate |
| *Dinophysis norvegica* | Dinophysiales | Flagellate |
| *Dinophysis ovum* | Dinophysiales | Flagellate |
| *Dinophysis rotundata* | Dinophysiales | Flagellate |
| *Sinophysis stenosoma* | Dinophysiales | Flagellate |
| *Ebria tripartita* | Ebriales | Flagellate |
| *Euglena spp.* | Euglenida | Flagellate |
| Euglenaceae | Euglenida | Flagellate |
| *Phacus spp.* | Euglenida | Flagellate |
| *Trachelomonas spp.* | Euglenida | Flagellate |
| *Eutreptiella spp.* | Eutreptiida | Flagellate |
| *Pseudochattonella spp.* | Florenciellales | Flagellate |
| *Alexandrium spp.* | Gonyaulacales | Flagellate |
| *Alexandrium leei* | Gonyaulacales | Flagellate |
| *Alexandrium margalefii* | Gonyaulacales | Flagellate |
| *Alexandrium minutum* | Gonyaulacales | Flagellate |
| *Alexandrium ostenfeldii* | Gonyaulacales | Flagellate |
| *Alexandrium peruvianum* | Gonyaulacales | Flagellate |
| *Alexandrium tamarense* | Gonyaulacales | Flagellate |
| *Amphidoma spp.* | Gonyaulacales | Flagellate |
| *Ceratium spp.* | Gonyaulacales | Flagellate |
| *Ceratium furca* | Gonyaulacales | Flagellate |
| *Ceratium fusus* | Gonyaulacales | Flagellate |
| *Ceratium horridum* | Gonyaulacales | Flagellate |
| *Ceratium inflatum* | Gonyaulacales | Flagellate |
| *Ceratium lineatum* | Gonyaulacales | Flagellate |
| *Ceratium longipes* | Gonyaulacales | Flagellate |
| *Ceratium macroceros* | Gonyaulacales | Flagellate |
| *Ceratium pentagonum* | Gonyaulacales | Flagellate |
| *Ceratium tripos* | Gonyaulacales | Flagellate |
| *Fragilidium subglobosum* | Gonyaulacales | Flagellate |
| *Gonyaulax spp.* | Gonyaulacales | Flagellate |
| *Gonyaulax digitale* | Gonyaulacales | Flagellate |
| *Gonyaulax rugosum* | Gonyaulacales | Flagellate |
| *Gonyaulax spinifera* | Gonyaulacales | Flagellate |
| *Gonyaulax triacantha* | Gonyaulacales | Flagellate |
| *Gonyaulax verior* | Gonyaulacales | Flagellate |
| *Micracanthodinium spp.* | Gonyaulacales | Flagellate |
| *Protoceratium reticulatum* | Gonyaulacales | Flagellate |
| *Pyrophacus horologium* | Gonyaulacales | Flagellate |
| *Amphidinium spp.* | Gymnodiniales | Flagellate |
| *Amphidinium sphenoides* | Gymnodiniales | Flagellate |
| *Cochlodinium spp.* | Gymnodiniales | Flagellate |
| *Gymnodiniaceae spp.* | Gymnodiniales | Flagellate |
| *Gymnodinium elongatum* | Gymnodiniales | Flagellate |
| *Gymnodinium lebouriae* | Gymnodiniales | Flagellate |
| *Gymnodinium mikimotoi* | Gymnodiniales | Flagellate |
| *Gymnodinium sanguineum* | Gymnodiniales | Flagellate |
| *Gymnodinium simplex* | Gymnodiniales | Flagellate |
| *Gyrodinium spp.* | Gymnodiniales | Flagellate |
| *Gyrodinium britannicum* | Gymnodiniales | Flagellate |
| *Gyrodinium calyptoglyphe* | Gymnodiniales | Flagellate |
| *Gyrodinium spirale* | Gymnodiniales | Flagellate |
| *Herdmania litoralis* | Gymnodiniales | Flagellate |
| *Katodinium asymmetricum* | Gymnodiniales | Flagellate |
| *Katodinium glaucum* | Gymnodiniales | Flagellate |
| *Nematodinium armatum* | Gymnodiniales | Flagellate |
| *Polykrikos spp.* | Gymnodiniales | Flagellate |
| *Polykrikos schwarzii* | Gymnodiniales | Flagellate |
| *Torodinium robustum* | Gymnodiniales | Flagellate |
| *Warnowia spp.* | Gymnodiniales | Flagellate |
| *Pterosperma spp.* | Halosphaerales | Flagellate |
| *Pterosperma parallelum* | Halosphaerales | Flagellate |
| *Pterosperma undulatum* | Halosphaerales | Flagellate |
| *Pterosperma vanhoeffenii* | Halosphaerales | Flagellate |
| *Emiliania huxleyi* | Isochrysidales | Flagellate |
| *Micromonas spp.* | Mamiellales | Flagellate |
| *Meringosphaera spp.* | Mischococcales | Flagellate |
| *Nephroselmis spp.* | Nephroselmidales | Flagellate |
| *Kofoidinium velleloides* | Noctilucales | Flagellate |
| *Noctiluca scintillans* | Noctilucales | Flagellate |
| *Pronoctiluca pelagica* | Noctilucales | Flagellate |
| *Spatulodinium pseudonoctiluca* | Noctilucales | Flagellate |
| *Apedinella spinifera* | Pedinellales | Flagellate |
| *Pseudopedinella spp.* | Pedinellales | Flagellate |
| *Azadinium spinosum* | Peridiniales | Flagellate |
| *Boreadinium pisiforme* | Peridiniales | Flagellate |
| *Cachonina niei* | Peridiniales | Flagellate |
| *Diplopsalis lenticula* | Peridiniales | Flagellate |
| *Diplopsalopsis asymmetricum* | Peridiniales | Flagellate |
| *Diplopsalopsis orbicularis* | Peridiniales | Flagellate |
| *Ensiculifera spp.* | Peridiniales | Flagellate |
| *Glenodinium danicum* | Peridiniales | Flagellate |
| *Glenodinium foliaceum* | Peridiniales | Flagellate |
| *Heterocapsa spp.* | Peridiniales | Flagellate |
| *Heterocapsa minima* | Peridiniales | Flagellate |
| *Heterocapsa triquetra* | Peridiniales | Flagellate |
| *Islandium tricingulatum* | Peridiniales | Flagellate |
| *Lebouraia minuta* | Peridiniales | Flagellate |
| *Oblea rotunda* | Peridiniales | Flagellate |
| *Oxytoxum spp.* | Peridiniales | Flagellate |
| Peridiniaceae | Peridiniales | Flagellate |
| *Peridinium quinquecorne* | Peridiniales | Flagellate |
| *Preperidinium meunieri* | Peridiniales | Flagellate |
| *Preperidinium pseudooblea* | Peridiniales | Flagellate |
| Protoperidiniaceae | Peridiniales | Flagellate |
| *Protoperidinium spp.* | Peridiniales | Flagellate |
| *Protoperidinium achromaticum* | Peridiniales | Flagellate |
| *Protoperidinium bipes* | Peridiniales | Flagellate |
| *Protoperidinium brevipes* | Peridiniales | Flagellate |
| *Protoperidinium cerasus* | Peridiniales | Flagellate |
| *Protoperidinium claudicans* | Peridiniales | Flagellate |
| *Protoperidinium conicoides* | Peridiniales | Flagellate |
| *Protoperidinium conicum* | Peridiniales | Flagellate |
| *Protoperidinium curtipes* | Peridiniales | Flagellate |
| *Protoperidinium curvipes* | Peridiniales | Flagellate |
| *Protoperidinium denticulatum* | Peridiniales | Flagellate |
| *Protoperidinium depressum* | Peridiniales | Flagellate |
| *Protoperidinium diabolus* | Peridiniales | Flagellate |
| *Protoperidinium divergens* | Peridiniales | Flagellate |
| *Protoperidinium excentricum* | Peridiniales | Flagellate |
| *Protoperidinium granii* | Peridiniales | Flagellate |
| *Protoperidinium leonis* | Peridiniales | Flagellate |
| *Protoperidinium marie-lebouriae* | Peridiniales | Flagellate |
| *Protoperidinium minutum* | Peridiniales | Flagellate |
| *Protoperidinium mite* | Peridiniales | Flagellate |
| *Protoperidinium oblongum* | Peridiniales | Flagellate |
| *Protoperidinium obtusum* | Peridiniales | Flagellate |
| *Protoperidinium ovatum* | Peridiniales | Flagellate |
| *Protoperidinium pallidum* | Peridiniales | Flagellate |
| *Protoperidinium pellucidum* | Peridiniales | Flagellate |
| *Protoperidinium pentagonum* | Peridiniales | Flagellate |
| *Protoperidinium punctulatum* | Peridiniales | Flagellate |
| *Protoperidinium pyriforme* | Peridiniales | Flagellate |
| *Protoperidinium steinii* | Peridiniales | Flagellate |
| *Protoperidinium subinerme* | Peridiniales | Flagellate |
| *Protoperidinium thorianum* | Peridiniales | Flagellate |
| *Protoperidinium thulesense* | Peridiniales | Flagellate |
| *Scrippsiella spp.* | Peridiniales | Flagellate |
| *Scrippsiella faeroense* | Peridiniales | Flagellate |
| *Scrippsiella trochoidea* | Peridiniales | Flagellate |
| *Thecadinium spp.* | Peridiniales | Flagellate |
| *Thecadinium yashimaense* | Peridiniales | Flagellate |
| *Phaeocystis spp.* | Phaeocystales | Flagellate |
| *Mesoporos perforatus* | Prorocentrales | Flagellate |
| *Prorocentrum spp.* | Prorocentrales | Flagellate |
| *Prorocentrum balticum* | Prorocentrales | Flagellate |
| *Prorocentrum compressum* | Prorocentrales | Flagellate |
| *Prorocentrum lima* | Prorocentrales | Flagellate |
| *Prorocentrum micans* | Prorocentrales | Flagellate |
| *Prorocentrum minimum* | Prorocentrales | Flagellate |
| *Prorocentrum triestinum* | Prorocentrales | Flagellate |
| *Chrysochromulina spp.* | Prymnesiales | Flagellate |
| *Corymbellus aureus* | Prymnesiales | Flagellate |
| Prymnesiaceae | Prymnesiales | Flagellate |
| *Prymnesium spp.* | Prymnesiales | Flagellate |
| *Pyramimonas spp.* | Pyramimonadales | Flagellate |
| *Pyramimonas longicauda* | Pyramimonadales | Flagellate |
| *Dissodinium pseudolunula* | Pyrocystales | Flagellate |
| *Pyrocystis hamulus* | Pyrocystales | Flagellate |
| *Pediastrum spp.* | Sphaeropleales | Flagellate |
| *Mallomonas spp.* | Synurales | Flagellate |
| *Acanthoica spp.* | Syracosphaerales | Flagellate |
| *Acanthoica quattrospina* | Syracosphaerales | Flagellate |
| *Protaspis glans* | Thaumatomonadida | Flagellate |
| *Brachiomonas spp.* | Volvocales | Flagellate |
| *Chlamydomonas spp.* | Volvocales | Flagellate |
| *Pteromonas spp.* | Volvocales | Flagellate |