Table S1. List of Arctic protist taxa and groups recorded from 1980 to 2015 in the Amerasian Basin, Siberian Shelf, Transpolar Drift, and North of Svalbard. Original names refer to the ones used in datasets, followed by the corrected and valid names used today, the group used in further statistical analyses, and the taxonomic rank level of the entry. Main data sources originated from the Arctic and Antarctic Research Institute (AARI), the Alfred Wegener Institute Helmholtz Center for Polar and Marine Research (AWI) and the Centre for Ice Climate and Ecosystems (ICE; N-ICE) at the Norwegian Polar Institute (NPI).

Original name Corrected name Group Rank Dataset

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Attheya decora* | *Attheya decora* T. West | Centric diatoms | Species | N-ICE |
| *Attheya septentrionalis* | *Attheya septentrionalis* (Østrup) Crawford | Centric diatoms | Species | ICE; N-ICE; AARI |
| *Attheya* | *Attheya* spp. | Centric diatoms | Genus | AWI |
| *Aulacoseira alpigenea* | *Aulacoseira alpigena* (Grunow) Krammer | Centric diatoms | Species | AARI |
| *Aulacoseira* sp. 1 | *Aulacoseira* spp. | Centric diatoms | Genus | AARI |
| *Aulacoseira* sp. 2 | *Aulacoseira* spp. | Centric diatoms | Genus | AARI |
| *Bacterosira bathyomphala* | *Bacterosira bathyomphala* | Centric diatoms | Species | N-ICE |
| *Bacteriosira bathyomphola* | *Bacterosira bathyomphala* (Cleve) Syvertsen & Hasle | Centric diatoms | Species | ICE |
| Centriceae hypnospores | Centrales | Centric diatoms | Order | N-ICE |
| Centriceae indet. <30 µm | Centrales | Centric diatoms | Order | N-ICE |
| Centriceae indet. >30 µm | Centrales | Centric diatoms | Order | N-ICE |
| Centrophyceae sp. | Centrales | Centric diatoms | Order | AARI |
| Large centric diatom | Centrales | Centric diatoms | Order | ICE |
| Unspecific centric diatoms | Centrales | Centric diatoms | Order | AWI |
| *Chaetoceros atlanticus* | *Chaetoceros atlanticus* Cleve | Centric diatoms | Species | N-ICE; AARI |
| *Chaetoceros concavicornis* | *Chaetoceros concavicornis* | Centric diatoms | Species | AARI |
| *Chaetoceros* cf. *concavicornis* | *Chaetoceros concavicornis* Mangin | Centric diatoms | Species | AARI |
| *Chaetoceros compressus* Lauder | *Chaetoceros contortus* Schütt | Centric diatoms | Species | AARI |
| *Chaetoceros convolutus* | *Chaetoceros convolutus* | Centric diatoms | Species | N-ICE |
| *Chaetoceros convolutus* | *Chaetoceros convolutus* Castracane | Centric diatoms | Species | AARI |
| *Chaetoceros decipiens* | *Chaetoceros decipiens* Cleve | Centric diatoms | Species | N-ICE; AARI |
| *Chaetoceros diadema* | *Chaetoceros diadema* (Ehrenberg) Gran | Centric diatoms | Species | AARI |
| *Chaetoceros fragilis* | *Chaetoceros fragilis* Meunier | Centric diatoms | Species | AARI |
| *Chaetoceros furcellatus* spores | *Chaetoceros furcillatus* | Centric diatoms | Species | N-ICE |
| *Chaetoceros furcillatus* | *Chaetoceros furcillatus* | Centric diatoms | Species | AARI |
| *Chaetoceros furcellatus* | *Chaetoceros furcillatus* Bailey | Centric diatoms | Species | N-ICE |
| *Chaetoceros socialis* spores | *Chaetoceros gelidus* | Centric diatoms | Species | N-ICE |
| *Chaetoceros socialis* var. *socialis* | *Chaetoceros gelidus* | Centric diatoms | Species | AARI |
| *Chaetoceros* sp. cf. *Ch. socialis* | *Chaetoceros gelidus* | Centric diatoms | Species | N-ICE |
| *Chaetoceros socialis* Lauder | *Chaetoceros gelidus* Chamnansinp, Li, Lundholm & Moestrup | Centric diatoms | Species | N-ICE; AARI |
| *Chaetoceros holsaticus* | *Chaetoceros holsaticus* Schütt | Centric diatoms | Species | AARI |
| *Chaetoceros ingolfianus* | *Chaetoceros ingolfianus* Ostenfeld | Centric diatoms | Species | AARI |
| *Chaetoceros gracilis* Schütt | *Chaetoceros neogracilis* (Schütt) VanLandingham | Centric diatoms | Species | AARI |
| *Chaetoceros simplex* | *Chaetoceros simplex* Ostenfeld | Centric diatoms | Species | N-ICE |
| *Chaetoceros* sp. | *Chaetoceros* spp. | Centric diatoms | Genus | ICE; N-ICE |
| *Chaetoceros tenuissimus* | *Chaetoceros tenuissimus* Meunier | Centric diatoms | Species | N-ICE |
| *Conticribra weissflogii* | *Conticribra weissflogii* (Grunow) Stachura-Suchoples & Williams | Centric diatoms | Species | N-ICE |
| *Coscinodiscus oculus-iridis* | *Coscinodiscus oculus-iridis* (Ehrenberg) Ehrenberg | Centric diatoms | Species | AARI |
| *Detonula confervaceae* | *Detonula confervacea* (Cleve) Gran | Centric diatoms | Species | AARI |
| *Lennoxia flaveolata* | *Lennoxia faveolata* (Thomsen) Buck | Centric diatoms | Species | ICE |
| *Leptocylindrus minimus* | *Leptocylindrus minimus* Gran | Centric diatoms | Species | AARI |
| *Melosira arctica* | *Melosira arctica* Dickie | Centric diatoms | Species | AARI |
| *Odontella aurita* | *Odontella aurita* | Centric diatoms | Species | N-ICE |
| *Odontella aurita* | *Odontella aurita* (Lyngbye) C. Agardh | Centric diatoms | Species | AARI |
| *Porosira glacialis* | *Porosira glacialis* (Grunow) Jørgensen | Centric diatoms | Species | ICE; N-ICE |
| *Proboscia* cf. *alata* | *Proboscia alata* | Centric diatoms | Species | AARI |
| *Proboscia alata* | *Proboscia alata* (Brightwell) Sundström | Centric diatoms | Species | AARI |
| *Rhizosolenia hebetata* | *Rhizosolenia hebetata* Bailey | Centric diatoms | Species | N-ICE |
| *Rhizosolenia hebetata* f. *semispina* | *Rhizosolenia hebetata* f. *semispina* (Hensen) Gran | Centric diatoms | Variety | AARI |
| *Rhizosolenia setigera* | *Rhizosolenia setigera* Brightwell | Centric diatoms | Species | AARI |
| *Rhizosolenia* sp. | *Rhizosolenia* spp. | Centric diatoms | Genus | N-ICE |
| *Thalassiosira bioculata* (Grunow) Ostenfeld | *Shionodiscus bioculatus* (Grunow) Alverson, Kang & Theriot | Centric diatoms | Species | N-ICE |
| *Thalassiosira angulata* | *Thalassiosira angulata* (Gregory) Hasle | Centric diatoms | Species | AARI |
| *Thalassiosira antarctica* resting spore | *Thalassiosira antarctica* | Centric diatoms | Species | N-ICE |
| *Thalassiosira antarctica* | *Thalassiosira antarctica* Comber | Centric diatoms | Species | N-ICE |
| *Thalassiosira gravida/antarctica* | *Thalassiosira antarctica* var. *borealis* | Centric diatoms | Species | N-ICE |
| *Thalassiosira antarctica* var. *borealis* | *Thalassiosira antarctica* var. *borealis* Fryxell, Doucette & Hubbard | Centric diatoms | Variety | ICE; AARI |
| *Thalassiosira bulbosa* | *Thalassiosira bulbosa* Syvertsen | Centric diatoms | Species | AARI |
| *Thalassiosira decipiens* | *Thalassiosira decipiens* (Grunow ex Van Heurck) Jørgensen | Centric diatoms | Species | AARI |
| *Thalassiosira gravida* | *Thalassiosira gravida* Cleve | Centric diatoms | Species | AARI |
| *Thalassiosira hyalina* | *Thalassiosira hyalina* | Centric diatoms | Species | ICE; N-ICE; AARI |
| *Thalassiosira* cf. *hyalina* | *Thalassiosira hyalina* (Grunow) Gran | Centric diatoms | Species | AARI |
| *Thalassiosira nordenskioeldii* | *Thalassiosira nordenskioeldii* | Centric diatoms | Species | N-ICE |
| *Thalassiosira nordenskioeldii* | *Thalassiosira nordenskioeldii* Cleve | Centric diatoms | Species | ICE; AARI |
| *Thalassiosira* sp. | *Thalassiosira* spp. | Centric diatoms | Genus | N-ICE |
| *Thalassiosira* sp. 1 | *Thalassiosira* spp. | Centric diatoms | Genus | N-ICE |
| *Thalassiosira* sp. spore | *Thalassiosira* spp. | Centric diatoms | Genus | N-ICE |
| *Thalassiosira* spp. (solitary) | *Thalassiosira* spp. | Centric diatoms | Genus | ICE |
| *Thalassiosira* spp. (solitary, 20-40 µm) | *Thalassiosira* spp. | Centric diatoms | Genus | ICE |
| *Thalassiosira* spp. 1-3 | *Thalassiosira* spp. | Centric diatoms | Genus | AARI |
| *Achnanthes* sp. | *Achnanthes* spp. | Pennate diatoms | Genus | AARI |
| *Amphipleura pellucida* | *Amphipleura pellucida* (Kützing) Kützing | Pennate diatoms | Species | AARI |
| *Amphora crassa* | *Amphora crassa* Gregory | Pennate diatoms | Species | AARI |
| *Amphora laevis* var. *laevissima* | *Amphora laevis* var. *laevissima* (Gregory) Cleve | Pennate diatoms | Variety | AARI |
| *Amphora lineolata* | *Amphora lineolata* Ehrenberg | Pennate diatoms | Species | AARI |
| *Amphora obtusa* | *Amphora obtusa* Gregory | Pennate diatoms | Species | AARI |
| *Amphora ovalis* | *Amphora ovalis* (Kützing) Kützing | Pennate diatoms | Species | AARI |
| *Amphora ovalis* var. *gracilis* | *Amphora ovalis* var. *gracilis* (Ehrenberg) Van Heurck | Pennate diatoms | Variety | AARI |
| *Amphora pediculus* | *Amphora pediculus* (Kützing) Grunow | Pennate diatoms | Species | AARI |
| *Amphora proteus* | *Amphora proteus* Gregory | Pennate diatoms | Species | AARI |
| *Amphora* sp. | *Amphora* spp. | Pennate diatoms | Genus | N-ICE |
| *Amphora* sp. 1 | *Amphora* spp. | Pennate diatoms | Genus | AARI |
| *Amphora* sp. 2 | *Amphora* spp. | Pennate diatoms | Genus | AARI |
| *Asterionella* cf. *bleakeleyi* | *Asterionella* cf. *bleakeleyi* W. Smith | Pennate diatoms | Species | AARI |
| *Asterionella formosa* | *Asterionella formosa* Hassall | Pennate diatoms | Species | AARI |
| *Bacillaria paxillifer* var.*tumidula* | *Bacillaria paxillifera* var. *tumidula* (Grunow) Witkowski, Lange-Bertalot & Metzeltin | Pennate diatoms | Variety | N-ICE |
| *Bacillaria socialis* | *Bacillaria socialis* (Gregory) Ralfs | Pennate diatoms | Species | AARI |
| Bacillariophyta | Bacillariophyta | Pennate diatoms | Phylum | AARI |
| *Biremis ambigua* | *Biremis ambigua* (Cleve) Mann | Pennate diatoms | Species | AARI |
| *Brebissonia* sp. | *Brebissonia* spp. | Pennate diatoms | Genus | AARI |
| *Caloneis* sp. | *Caloneis* spp. | Pennate diatoms | Genus | AARI |
| aff *Catenula* sp. | *Catenula* spp. | Pennate diatoms | Genus | N-ICE |
| *Cocconeis scutellum* | *Cocconeis scutellum* | Pennate diatoms | Species | AARI |
| *Cocconeis* cf.*scutellum* | *Cocconeis scutellum* Ehrenberg | Pennate diatoms | Species | AARI |
| *Cocconeis* sp. | *Cocconeis* spp. | Pennate diatoms | Genus | AARI |
| *Cosmioneis pusilla* | *Cosmioneis pusilla* (W. Smith) Mann & Stickle | Pennate diatoms | Species | AARI |
| *Craspedopleura kryophila* | *Craspedopleura kryophila* (Cleve) Poulin | Pennate diatoms | Species | N-ICE; AARI |
| *Cylindrotheca closterium* | *Cylindrotheca closterium* | Pennate diatoms | Species | ICE; AARI |
| *Ceratoneis closterium* Ehrenberg | *Cylindrotheca closterium* (Ehrenberg) Reimann & Lewin | Pennate diatoms | Species | N-ICE |
| *Cylindrotheca* spec. | *Cylindrotheca* spp. | Pennate diatoms | Genus | AWI |
| *Diploneis didyma* | *Diploneis didyma* (Ehrenberg) Ehrenberg | Pennate diatoms | Species | AARI |
| *Diploneis littoralis* | *Diploneis litoralis* (Donkin) Cleve | Pennate diatoms | Species | AARI |
| *Diploneis littoralis* var. *arctica* | *Diploneis litoralis* var. *arctica* Cleve | Pennate diatoms | Variety | AARI |
| *Diploneis littoralis* var.*clathrata* | *Diploneis litoralis* var. *clathrata* | Pennate diatoms | Variety | N-ICE |
| *Diploneis littoralis* var. *clathrata* | *Diploneis litoralis* var. *clathrata* (Østrup) Cleve | Pennate diatoms | Variety | AARI |
| *Entomoneis gigantea* | *Entomoneis gigantea* | Pennate diatoms | Species | AARI |
| *Entomoneis giganta* | *Entomoneis gigantea* (Grunow) Nizamuddin | Pennate diatoms | Species | AARI |
| *Entomoneis* sp. cf. *E. gigantea* var. *septentrionalis* | *Entomoneis gigantea* var. *septentrionalis* | Pennate diatoms | Variety | N-ICE |
| *Entomoneis gigantea* var. *septentrionalis* | *Entomoneis gigantea* var. *septentrionalis* (Grunow) Poulin & Cardinal | Pennate diatoms | Variety | N-ICE |
| *Entomoneis kjelmanii* | *Entomoneis kjellmanii* | Pennate diatoms | Species | ICE |
| *Entomoneis kjellmanii* | *Entomoneis kjellmanii* (Cleve) Poulin & Cardinal | Pennate diatoms | Species | N-ICE; AARI |
| *Entomoneis kjellmanii* var. *kariana* | *Entomoneis kjellmanii* var. *kariana* | Pennate diatoms | Variety | N-ICE |
| *Entomoneis* cf.*kjellmanii* var. *kariana* | *Entomoneis kjellmanii* var. *kariana* (Grunow) Poulin & Cardinal | Pennate diatoms | Variety | AARI |
| *Entomoneis* sp. cf. *E. subtilis* | *Entomoneis kjellmanii* var. *subtilis* | Pennate diatoms | Variety | N-ICE |
| *Entomoneis* sp. cf. *E. kjellmanii* var. *subtilis* | *Entomoneis kjellmanii* var. *subtilis* (Grunow) Poulin & Cardinal | Pennate diatoms | Variety | N-ICE |
| *Entomoneis* sp. cf. *E. paludosa* | *Entomoneis paludosa* | Pennate diatoms | Species | N-ICE |
| *Entomoneis paludosa* | *Entomoneis paludosa* (W. Smith) Reimer | Pennate diatoms | Species | N-ICE; AARI |
| *Entomoneis paludosa* var. *hyperborea* | *Entomoneis paludosa* var. *hyperborea* (Grunow) Czarnecki & Reinke | Pennate diatoms | Variety | AARI |
| *Entomoneis* sp. | *Entomoneis* spp. | Pennate diatoms | Genus | N-ICE |
| *Eunotia* sp. | *Eunotia* spp. | Pennate diatoms | Genus | AARI |
| *Fallacia forcipata* | *Fallacia forcipata* (Greville) Stickle & Mann | Pennate diatoms | Species | AARI |
| *Fallacia forcipata* var. *densestriata* | *Fallacia forcipata* var. *densestriata* (Schmidt) Gogorev | Pennate diatoms | Variety | AARI |
| *Navicula finmarchica* Cleve & Grunow | *Fogedia finmarchica* (Cleve & Grunow) Witkowski, Metzeltin & Lange-Bertalot | Pennate diatoms | Species | AARI |
| *Fossula arctica* hypnospores | *Fossula arctica* | Pennate diatoms | Species | N-ICE |
| *Fossula arctica* | *Fossula arctica* Hasle, Syvertsen & von Quillfeldt | Pennate diatoms | Species | N-ICE; AARI |
| *Fragilaria islandica* | *Fragilaria islandica* Grunow | Pennate diatoms | Species | AARI |
| *Fragilaria* sp. | *Fragilaria* spp. | Pennate diatoms | Genus | AARI |
| *Fragilariopsis cylindrus* hypnospores | *Fragilariopsis cylindrus* | Pennate diatoms | Species | N-ICE |
| *Fragilariopsis cylindrus*/*F. reginae-jahniae* | *Fragilariopsis cylindrus* | Pennate diatoms | Species | N-ICE |
| *Fragilariopsis cylindrus*/*oceanica* hypnospores | *Fragilariopsis cylindrus* | Pennate diatoms | Species | N-ICE |
| *Fragilariopsis* sp. cf. *F. cylindrus* | *Fragilariopsis cylindrus* | Pennate diatoms | Species | N-ICE |
| *Fragilariopsis cylindrus* | *Fragilariopsis cylindrus* (Grunow ex Cleve) Frenguelli | Pennate diatoms | Species | ICE; N-ICE; AARI |
| *Fragilariopsis oceanica* hypnospores | *Fragilariopsis oceanica* | Pennate diatoms | Species | N-ICE |
| *Fragilariopsis oceanica* | *Fragilariopsis oceanica* (Cleve) Hasle | Pennate diatoms | Species | ICE; N-ICE; AARI |
| *Fragilariopsis* sp. cf. *F. nana* | *Fragilariopsis pseudonana* | Pennate diatoms | Species | N-ICE |
| *Fragilariopsis pseudonana* | *Fragilariopsis pseudonana* (Hasle) Hasle | Pennate diatoms | Species | AARI |
| *Fragilariopsis* sp. cf. *F. reginae-jahniae* | *Fragilariopsis reginae-jahniae* | Pennate diatoms | Species | N-ICE |
| *Fragilariopsis* sp. cf. *F. reginae-jahniae* | *Fragilariopsis reginae-jahniae* | Pennate diatoms | Species | N-ICE |
| *Fragilariopsis reginae-jahniae* | *Fragilariopsis reginae-jahniae* Witkoswki, Lange-Bertalot & Metzeltin | Pennate diatoms | Species | N-ICE |
| *Fragilariopsis* | *Fragilariopsis* spp. | Pennate diatoms | Genus | AWI |
| *Gomphonemopsis exigua* (Kützing) Medlin | *Gomphoneis exigua* (Kützing) Medlin | Pennate diatoms | Species | AARI |
| *Gomphonema acuminatum* | *Gomphonema acuminatum* Ehrenberg | Pennate diatoms | Species | AARI |
| *Gyrosigma concilians* | *Gyrosigma concilians* (Cleve) Okolodkov | Pennate diatoms | Species | N-ICE |
| *Gyrosigma* sp. | *Gyrosigma* spp. | Pennate diatoms | Genus | N-ICE |
| *Gyrosigma* sp. 1 | *Gyrosigma* spp. | Pennate diatoms | Genus | AARI |
| *Gyrosigma* sp. 2 | *Gyrosigma* spp. | Pennate diatoms | Genus | AARI |
| *Gyrosigma* sp. 3/*Pleurosigma* sp. 1 | *Gyrosigma* spp. | Pennate diatoms | Genus | AARI |
| *Halamphora exigua* | *Halamphora exigua* (Gregory) Levkov | Pennate diatoms | Species | AARI |
| *Amphora hyalina* Kützing | *Halamphora hyalina* (Kützing) Rimet & Jahn | Pennate diatoms | Species | AARI |
| *Hantzschia weyprechtii* | *Hantzschia weyprechtii* Grunow | Pennate diatoms | Species | N-ICE; AARI |
| *Haslea crucigeroides* | *Haslea crucigeroides* (Hustedt) Simonsen | Pennate diatoms | Species | N-ICE; AARI |
| *Haslea crystallina* | *Haslea crystallina* (Hustedt) Simonsen | Pennate diatoms | Species | AARI |
| *Haslea* sp. cf. *H. spicula* | *Haslea spicula* (Hickie) Bukhtiyarova | Pennate diatoms | Species | N-ICE |
| *Haslea* sp. | *Haslea* spp. | Pennate diatoms | Genus | N-ICE |
| *Haslea vitrea* | *Haslea vitrea* (Cleve) Simonsen | Pennate diatoms | Species | AARI |
| *Kurpiszia kryokonites* | *Kurpiszia kryokonites* | Pennate diatoms | Species | N-ICE |
| *Kurpiszia kryokonites* | *Kurpiszia kryokonites* (Cleve) Witkowski, Lange-Bertalot & Metzeltin | Pennate diatoms | Species | AARI |
| *Licmophora* sp. | *Licmophora* spp. | Pennate diatoms | Genus | AARI |
| *Manguinea* sp. | *Manguinea* spp. | Pennate diatoms | Genus | AARI |
| *Navicula* sp. cf.*N. algida* | *Navicula algida* | Pennate diatoms | Species | N-ICE |
| *Navicula algida* | *Navicula algida* Grunow | Pennate diatoms | Species | N-ICE; AARI |
| *Navicula cryptocephala* | *Navicula cryptocephala* Kützing | Pennate diatoms | Species | AARI |
| *Navicula debilissima* | *Navicula debilissima* Grunow | Pennate diatoms | Species | AARI |
| *Navicula* sp. cf. *N. directa* | *Navicula directa* | Pennate diatoms | Species | N-ICE |
| *Navicula directa* | *Navicula directa* (W. Smith) Ralfs | Pennate diatoms | Species | N-ICE; AARI |
| *Navicula* sp. cf. *N. distans* | *Navicula distans* (W. Smith) Ralfs | Pennate diatoms | Species | N-ICE |
| *Navicula* sp. cf. *N. gelida* | *Navicula gelida* Grunow | Pennate diatoms | Species | N-ICE |
| *Navicula granii* | *Navicula granii* (Jørgensen) Gran | Pennate diatoms | Species | AARI |
| *Navicula kariana* | *Navicula kariana* Grunow | Pennate diatoms | Species | N-ICE; AARI |
| *Navicula kariana* var. *detersa* | *Navicula kariana* var. *detersa* Grunow | Pennate diatoms | Variety | AARI |
| *Navicula kepesii* | *Navicula kepesii* Grunow | Pennate diatoms | Species | AARI |
| *Navicula novadecipiens* | *Navicula novadecipiens* Hustedt | Pennate diatoms | Species | AARI |
| *Navicula obtusa* | *Navicula obtusa* Cleve | Pennate diatoms | Species | AARI |
| *Navicula oestrupi* | *Navicula oestrupii* Cleve | Pennate diatoms | Species | AARI |
| *Navicula* sp. cf. *N. pelagica* | *Navicula pelagica* | Pennate diatoms | Species | N-ICE |
| *Navicula pelagica* | *Navicula pelagica* Cleve | Pennate diatoms | Species | ICE; N-ICE; AARI |
| *Navicula* cf. *pellucidula* | *Navicula pellucidula* Hustedt | Pennate diatoms | Species | AARI |
| *Navicula retusa* var. *cancellata* | *Navicula retusa* var. *cancellata* (Donkin) Ross | Pennate diatoms | Variety | AARI |
| *Navicula rotaeana* | *Navicula rotaeana* (Rabenhorst) Grunow | Pennate diatoms | Species | AARI |
| *Nitzschia septentrionalis* | *Navicula septentrionalis* | Pennate diatoms | Species | ICE |
| *Navicula septentrionalis* | *Navicula septentrionalis* (Grunow) Gran | Pennate diatoms | Species | N-ICE; AARI |
| Elongate *Navicula* | *Navicula* spp. | Pennate diatoms | Genus | ICE |
| Large oval shaped *Navicula* | *Navicula* spp. | Pennate diatoms | Genus | ICE |
| *Navicula* (elongate cells) | *Navicula* spp. | Pennate diatoms | Genus | ICE |
| *Navicula* elongate | *Navicula* spp. | Pennate diatoms | Genus | N-ICE |
| *Navicula* sp. | *Navicula* spp. | Pennate diatoms | Genus | N-ICE |
| *Navicula* sp. <30 µm | *Navicula* spp. | Pennate diatoms | Genus | N-ICE |
| *Navicula* sp. >30 µm | *Navicula* spp. | Pennate diatoms | Genus | N-ICE |
| *Navicula* sp. 1 | *Navicula* spp. | Pennate diatoms | Genus | AARI |
| *Navicula* sp. 2 | *Navicula* spp. | Pennate diatoms | Genus | AARI |
| *Navicula* sp. 3 | *Navicula* spp. | Pennate diatoms | Genus | AARI |
| *Navicula* sp. 4 | *Navicula* spp. | Pennate diatoms | Genus | N-ICE |
| *Navicula* spec | *Navicula* spp. | Pennate diatoms | Genus | AWI |
| *Navicula* spp. | *Navicula* spp. | Pennate diatoms | Genus | ICE |
| *Navicula* sp. cf. *N. superba/valida* | *Navicula superba* | Pennate diatoms | Species | N-ICE |
| *Navicula superba* | *Navicula superba* Cleve | Pennate diatoms | Species | N-ICE |
| *Navicula transitans* | *Navicula transitans* | Pennate diatoms | Species | N-ICE; AARI |
| *Navicula transitans* var. *transitans* | *Navicula transitans* | Pennate diatoms | Species | N-ICE |
| *Navicula* sp. cf *N. transitans* | *Navicula transitans* Cleve | Pennate diatoms | Species | N-ICE |
| *Navicula transitans* var. *asymmetrica* | *Navicula transitans* var. *asymmetrica* (Cleve) Cleve | Pennate diatoms | Variety | AARI |
| *Navicula transitans* var. *derasa* | *Navicula transitans* var. *derasa* | Pennate diatoms | Variety | N-ICE |
| *Navicula transitans var. derasa/delicatula* | *Navicula transitans* var. *derasa* | Pennate diatoms | Variety | N-ICE |
| *Navicula transitans* var. *derasa* | *Navicula transitans* var. *derasa* (Grunow) Cleve | Pennate diatoms | Variety | AARI |
| *Navicula trigonocephala* | *Navicula trigonocephala* Cleve | Pennate diatoms | Species | N-ICE; AARI |
| *Navicula valida* | *Navicula valida* | Pennate diatoms | Species | N-ICE |
| *Navicula valida* | *Navicula valida* Cleve & Grunow | Pennate diatoms | Species | AARI |
| *Navicula valida* var. *minuta* | *Navicula valida* var. *minuta* | Pennate diatoms | Variety | N-ICE |
| *Navicula valida* var. *minuta* | *Navicula valida* var. *minuta* Cleve | Pennate diatoms | Variety | AARI |
| *Navicula vanhoeffenii* | *Navicula vanhoeffenii* | Pennate diatoms | Species | ICE; N-ICE; AARI |
| *Navicula* sp. cf. *N. vahnoeffenii* | *Navicula vanhoeffenii* Gran | Pennate diatoms | Species | N-ICE |
| Naviculaceae sp. 1 | Naviculaceae | Pennate diatoms | Family | AARI |
| Naviculaceae sp. 2 | Naviculaceae | Pennate diatoms | Family | AARI |
| Naviculaceae sp. 3 | Naviculaceae | Pennate diatoms | Family | AARI |
| Naviculaceae sp. 4 | Naviculaceae | Pennate diatoms | Family | AARI |
| Naviculaceae sp. 5 | Naviculaceae | Pennate diatoms | Family | AARI |
| Naviculaceae sp. 6 | Naviculaceae | Pennate diatoms | Family | AARI |
| Naviculoid in ribbon | Naviculaceae | Pennate diatoms | Family | N-ICE |
| Tiny pennate diatom (naviculoid) | Naviculaceae | Pennate diatoms | Family | ICE |
| *Nitzschia acicularis* | *Nitzschia acicularis* (Kützing) W. Smith | Pennate diatoms | Species | AARI |
| *Nitzschia angularis* | *Nitzschia angularis* W. Smith | Pennate diatoms | Species | AARI |
| *Nitzschia* cf. *arctica* | *Nitzschia arctica* | Pennate diatoms | Species | AARI |
| *Nitzschia* sp. cf. *N. arctica* | *Nitzschia arctica* | Pennate diatoms | Species | N-ICE |
| *Nitzschia arctica* | *Nitzschia arctica* Cleve | Pennate diatoms | Species | N-ICE |
| *Nitzschia* sp. cf. *N. brebissonii* | *Nitzschia brebissonii* | Pennate diatoms | Species | N-ICE |
| *Nitzschia brebissonii* | *Nitzschia brebissonii* W. Smith | Pennate diatoms | Species | N-ICE |
| *Nitzschia frigida* | *Nitzschia frigida* | Pennate diatoms | Species | ICE; N-ICE; AARI |
| *Nitzschia frigida/neofrigida* | *Nitzschia frigida* | Pennate diatoms | Species | N-ICE |
| *Nitzschia frigida/promare* | *Nitzschia frigida* | Pennate diatoms | Species | N-ICE |
| *Nitzschia* sp. cf. *N. frigida* | *Nitzschia frigida* | Pennate diatoms | Species | N-ICE |
| *Nitzschia* cf. *frigida* (small solitary) | *Nitzschia frigida* Grunow | Pennate diatoms | Species | ICE |
| *Nitzschia laevissima* | *Nitzschia laevissima* Grunow | Pennate diatoms | Species | AARI |
| *Nitzschia* cf. *lanceolata/Synedropsis* sp. | *Nitzschia lanceolata*/*Synedropsis* sp. | Pennate diatoms | Species | AARI |
| *Nitzschia leavissima* | *Nitzschia leavissima* | Pennate diatoms | Species | ICE; N-ICE |
| *Nitzschia longissima* | *Nitzschia longissima* (Brébisson) Ralfs | Pennate diatoms | Species | N-ICE; AARI |
| *Nitzschia* sp. cf. *N. neofrigida* | *Nitzschia neofrigida* | Pennate diatoms | Species | N-ICE |
| *Nitzschia neofrigida* | *Nitzschia neofrigida* Medlin | Pennate diatoms | Species | N-ICE; AARI |
| *Nitzschia pellucida* | *Nitzschia pellucida* Grunow | Pennate diatoms | Species | AARI |
| *Nitzschia polaris* | *Nitzschia polaris* Cleve | Pennate diatoms | Species | AARI |
| *Nitzschia* sp. cf. *N. promare* | *Nitzschia promare* | Pennate diatoms | Species | N-ICE |
| *Nitzschia promare* | *Nitzschia promare* Medlin | Pennate diatoms | Species | N-ICE; AARI |
| *Nitzschia scabra* | *Nitzschia scabra* Cleve | Pennate diatoms | Species | AARI |
| *Nitzschia scalpelliformios* | *Nitzschia scalpelliformis* Grunow | Pennate diatoms | Species | AARI |
| *Nitzschia sigma* | *Nitzschia sigma* (Kützing) W. Smith | Pennate diatoms | Species | AARI |
| *Nitzschia* sp. | *Nitzschia* spp. | Pennate diatoms | Genus | N-ICE |
| *Nitzschia* sp. <20 µm | *Nitzschia* spp. | Pennate diatoms | Genus | N-ICE |
| *Nitzschia* sp. >30 µm | *Nitzschia* spp. | Pennate diatoms | Genus | N-ICE |
| *Nitzschia* sp. 1 | *Nitzschia* spp. | Pennate diatoms | Genus | AARI |
| *Nitzschia* sp. 2 | *Nitzschia* spp. | Pennate diatoms | Genus | AARI |
| *Nitzschia* sp. 3 | *Nitzschia* spp. | Pennate diatoms | Genus | AARI |
| *Nitzschia* spp. | *Nitzschia* spp. | Pennate diatoms | Genus | AARI |
| *Nitzschia/Pseudonitzschia* | *Nitzschia* spp. | Pennate diatoms | Genus | AWI |
| *Nitzschia tenuirostris* | *Nitzschia tenuirostris* Mereschkowsky | Pennate diatoms | Species | AARI |
| *Pauliella taeniata* | *Pauliella taeniata* (Grunow) Round & Basson | Pennate diatoms | Species | ICE; N-ICE; AARI |
| Other pennate diatoms | Pennales | Pennate diatoms | Order | AWI |
| Pennales indet. <10 µm | Pennales | Pennate diatoms | Order | N-ICE |
| Pennales indet. <30 µm | Pennales | Pennate diatoms | Order | N-ICE |
| Pennales indet. >30 µm | Pennales | Pennate diatoms | Order | N-ICE |
| Pennales indet. 10-30 µm | Pennales | Pennate diatoms | Order | N-ICE |
| Pennatophyceae sp. 3 | Pennales | Pennate diatoms | Order | AARI |
| Pennatophyceae sp. 4 | Pennales | Pennate diatoms | Order | AARI |
| Pennatophyceae sp. 5 | Pennales | Pennate diatoms | Order | AARI |
| Pennatophyceae sp. 8 | Pennales | Pennate diatoms | Order | AARI |
| Pennatophyceae spp. 1+2 | Pennales | Pennate diatoms | Order | AARI |
| Small pennate diatoms | Pennales | Pennate diatoms | Order | ICE |
| *Petroneis glacialis* | *Petroneis glacialis* (Cleve) Witkowski, Lange-Bertalot & Metzeltin | Pennate diatoms | Species | AARI |
| *Phaeodactylum tricornutum* | *Phaeodactylum tricornutum* Bohlin | Pennate diatoms | Species | AARI |
| *Pinnularia quadratarea* | *Pinnularia quadratarea* (Schmidt) Cleve | Pennate diatoms | Species | AARI |
| *Pinnularia quadratarea* var. *bicontracta* | *Pinnularia quadratarea* var. *bicontracta* (Østrup) Gran | Pennate diatoms | Variety | AARI |
| *Pinnularia guadratarea* var. *capitata* | *Pinnularia quadratarea* var. *capitata* Heiden | Pennate diatoms | Variety | N-ICE |
| *Pinnularia quadratarea* var. *densestriata* | *Pinnularia quadratarea* var. *densestriata* Cleve | Pennate diatoms | Variety | AARI |
| *Pinnularia quadratarea* var. *dubia* | *Pinnularia quadratarea* var. *dubia* Heiden | Pennate diatoms | Variety | AARI |
| *Pinnularia quadratarea* var. *interrupta* | *Pinnularia quadratarea* var. *interrupta* (Cleve) Cleve | Pennate diatoms | Variety | AARI |
| *Pinnularia* cf. *quadratarea* var. *minor* | *Pinnularia quadratarea* var. *minor* (Østrup) Heiden | Pennate diatoms | Variety | AARI |
| *Pinnularia quadratarea* var. *subglabra* | *Pinnularia quadratarea* var. *subglabra* (Østrup) Poulin & Cardinal | Pennate diatoms | Variety | AARI |
| *Pinnularia* sp. cf. *P. semiinflata* | *Pinnularia semiinflata* | Pennate diatoms | Species | N-ICE |
| *Pinnularia semiinflata* | *Pinnularia semiinflata* (Østrup) Gran | Pennate diatoms | Species | N-ICE; AARI |
| *Pinnularia spitsbergensis* | *Pinnularia spitsbergensis* Cleve | Pennate diatoms | Species | AARI |
| *Pinnularia* sp. | *Pinnularia* spp. | Pennate diatoms | Genus | N-ICE; AARI |
| *Placoneis elginensis* | *Placoneis elginensis* (Gregory) Cox | Pennate diatoms | Species | AARI |
| *Placoneis gastrum* | *Placoneis gastrum* (Ehrenberg) Mereschkowsky | Pennate diatoms | Species | AARI |
| *Plagiotropis lepidoptera* | *Plagiotropis lepidoptera* (Gregory) Kuntze | Pennate diatoms | Species | AARI |
| *Pleurosigma elongatum* | *Pleurosigma elongatum* W. Smith | Pennate diatoms | Species | AARI |
| *Pleurosigma* sp. | *Pleurosigma* spp. | Pennate diatoms | Genus | N-ICE |
| *Pleurosigma* sp. 2 | *Pleurosigma* spp. | Pennate diatoms | Genus | AARI |
| *Pleurosigma stuxbergii* | *Pleurosigma stuxbergii* | Pennate diatoms | Species | N-ICE |
| *Pleurosigma stuxbergii* | *Pleurosigma stuxbergii* Cleve & Grunow | Pennate diatoms | Species | ICE; AARI |
| *Psammodictyon panduriforme* var. *delicatulum* | *Psammodictyon panduriforme* var. *delicatulum* (Grunow) Poulin | Pennate diatoms | Species | AARI |
| *Pseudogomphonema arcticum* | *Pseudogomphonema arcticum* | Pennate diatoms | Species | AARI |
| *Pseudogomphonema arcticum* | *Pseudogomphonema arcticum* | Pennate diatoms | Species | N-ICE |
| *Pseudogomphonema arctica* | *Pseudogomphonema arcticum* (Grunow) Medlin | Pennate diatoms | Species | AARI |
| *Pseudogomphonema groenlandicum* | *Pseudogomphonema groenlandicum* (Østrup) Medlin | Pennate diatoms | Species | AARI |
| *Pseudogomphonema* cf. *kamtschaticum* | *Pseudogomphonema kamtschaticum* (Grunow) Medlin | Pennate diatoms | Species | AARI |
| *Pseudogomphonema septentrionalis* | *Pseudogomphonema septentrionale* (Østrup) Medlin | Pennate diatoms | Species | AARI |
| *Pseudogomphonema* sp. | *Pseudogomphonema* spp. | Pennate diatoms | Genus | ICE |
| *Pseudogomphonema* sp. | *Pseudogomphonema* spp. | Pennate diatoms | Genus | ICE |
| *Pseudo-nitzschia delicatissima/pseudodelicatissima* | *Pseudo-nitzschia delicatissima* | Pennate diatoms | Species | N-ICE |
| Thin *Pseudo-nitzschia* sp (*delicatissima* complex) | *Pseudo-nitzschia delicatissima* | Pennate diatoms | Species | ICE |
| *Pseudo-nitzschia delicatissima* | *Pseudo-nitzschia delicatissima* (Cleve) Heiden | Pennate diatoms | Species | AARI |
| *Pseudo-nitzschia* cf. *P. granii* | *Pseudo-nitzschia granii* | Pennate diatoms | Species | N-ICE |
| *Pseudo-nitzschia granii* | *Pseudo-nitzschia granii* | Pennate diatoms | Species | N-ICE |
| *Pseudo-nitzschia* cf. *granii* | *Pseudo-nitzschia granii* (Hasle) Hasle | Pennate diatoms | Species | AARI |
| *Pseudo-nitzschia* sp. cf. *P-n seriata* | *Pseudo-nitzschia seriata* | Pennate diatoms | Species | N-ICE |
| Wide *Pseudo-nitzschia* sp. (*seriata* complex) | *Pseudo-nitzschia seriata* | Pennate diatoms | Species | ICE |
| *Pseudo-nitzschia seriata* | *Pseudo-nitzschia seriata* (Cleve) H. Peragallo | Pennate diatoms | Species | N-ICE; AARI |
| *Pseudo-nitzschia* sp. | *Pseudo-nitzschia* spp. | Pennate diatoms | Genus | N-ICE |
| *Gyrosigma arcticum* (Cleve) Cleve | *Rhoicosigma arcticum* Cleve | Pennate diatoms | Species | AARI |
| *Amphora angusta* var. *ventricosa* (Gregory) Cleve | *Seminavis* *ventricosa* (Gregory) Garcia-Baptista | Pennate diatoms | Variety | AARI |
| *Stauroneis anceps* | *Stauroneis anceps* Ehrenberg | Pennate diatoms | Species | AARI |
| *Stauroneis phoenicenteron* | *Stauroneis phoenicenteron* (Nitzsch) Ehrenberg | Pennate diatoms | Species | AARI |
| *Stauroneis* sp. cf. *S. radissonii/* *Navicula* | *Stauroneis radissonii* | Pennate diatoms | Species | N-ICE |
| *Stauroneis radissonii* | *Stauroneis radissonii* Poulin & Cardinal | Pennate diatoms | Species | N-ICE; AARI |
| *Stauroneis* sp. | *Stauroneis* spp. | Pennate diatoms | Genus | N-ICE |
| *Staurosirella pinnata* | *Staurosirella pinnata* (Ehrenberg) Williams & Round | Pennate diatoms | Species | AARI |
| *Stenoneis inconspicua* var. *baculus* | *Stenoneis inconspicua* var. *baculus* (Cleve) Cleve | Pennate diatoms | Variety | AARI |
| *Stenoneis obtuserostrata/Navicula delicatula* | *Stenoneis obtuserostrata* | Pennate diatoms | Species | AARI |
| *Stenoneis obtuserostrata* | *Stenoneis obtuserostrata* (Hustedt) Poulin | Pennate diatoms | Species | N-ICE |
| *Stenoneis* sp. | *Stenoneis* spp. | Pennate diatoms | Genus | N-ICE |
| *Surirella* sp. | *Surirella* spp. | Pennate diatoms | Genus | AARI |
| *Synedra* sp. | *Synedra* spp. | Pennate diatoms | Genus | AARI |
| *Synedropsis hyperborea* | *Synedropsis hyperborea* | Pennate diatoms | Species | N-ICE; AARI |
| *Synedropsis hyperborea* (epiphyte on *N. frigida*) | *Synedropsis hyperborea* (Grunow) Hasle, Medin & Syvertsen | Pennate diatoms | Species | ICE |
| *Thalassiothrix* sp. | *Thalassiothrix* spp. | Pennate diatoms | Genus | AARI |
| *Thalassionema nitzschioides* | *Thalassionema nitzschioides* (Grunow) Mereschkowsky | Pennate diatoms | Species | AARI |
| *Trachyneis aspera* | *Trachyneis aspera* (Ehrenberg) Cleve | Pennate diatoms | Species | AARI |
| *Ancylonema nordenskioldii* Berggren | *Ancylonema nordenskioldii* Berggren | Chlorophytes | Species | AARI |
| Chlorophyceae indet. 3-7 µm | Chlorophyceae | Chlorophytes | Class | N-ICE |
| Chlorophyceae indet. 7-10 µum | Chlorophyceae | Chlorophytes | Class | N-ICE |
| Chlorophyceae indet. 11-15 µm | Chlorophyceae | Chlorophytes | Class | N-ICE |
| *Cryocystis brevispina* | *Cryocystis brevispina* (Fritsch) Kol ex Komárek & Fott | Chlorophytes | Species | AARI |
| *Monosiga marina* | *Monosiga marina* Grøntved | Chlorophytes | Species | N-ICE |
| *Pterosperma* sp. | *Pterosperma* spp. | Chlorophytes | Genus | N-ICE |
| *Scenedesmus quadricauda* | *Scenedesmus quadricauda* (Turpin) Brébisson | Chlorophytes | Species | AARI |
| *Scotiella* spp. | *Scotiella* spp. | Chlorophytes | Genus | AARI |
| *Trochiscia americana* | *Trochiscia americana* Kol | Chlorophytes | Species | AARI |
| *Trochiscia cryophila* | *Trochiscia cryophila* Chodat | Chlorophytes | Species | AARI |
| Chrysophyceae cyst | Chrysophyceae | Chrysophytes | Class | N-ICE |
| Chrysophyceae cyst 1 | Chrysophyceae | Chrysophytes | Class | N-ICE |
| Chrysophyceae sp. 1 | Chrysophyceae | Chrysophytes | Class | AARI |
| Chrysophyceae spp. | Chrysophyceae | Chrysophytes | Class | AARI |
| *Dinobryon balticum* | *Dinobryon balticum* (Schütt) Lemmermann | Chrysophytes | Species | ICE |
| *Dinobryon faculiferum* | *Dinobryon faculiferum* (Willén) Willén | Chrysophytes | Species | N-ICE |
| *Dinobryon* sp. | *Dinobryon* spp. | Chrysophytes | Genus | N-ICE; AARI |
| *Dinobryon* sp. statocysts | *Dinobryon* spp. | Chrysophytes | Genus | N-ICE |
| *Dinobryum* spec. | *Dinobryon* spp. | Chrysophytes | Genus | AWI |
| *Parapedinella reticulata* | *Parapedinella reticulata* Pedersen & Thomsen | Chrysophytes | Species | AARI |
| *Cryptomonas* sp | *Cryptomonas* spp. | Cryptophytes | Genus | ICE |
| *Cryptomonas* sp. | *Cryptomonas* spp. | Cryptophytes | Genus | N-ICE |
| Cryptophyceae indet. 11-15 µm | Cryptophyceae | Cryptophytes | Class | N-ICE |
| Cryptophyceae indet. 3-7 µm | Cryptophyceae | Cryptophytes | Class | N-ICE |
| Cryptophyceae indet. 7-10 µm | Cryptophyceae | Cryptophytes | Class | N-ICE |
| Large cryptophyte | Cryptophyceae | Cryptophytes | Class | ICE |
| *Leucocryptos marina* | *Leucocryptos marina* | Cryptophytes | Species | N-ICE |
| *Leucocryptos* cf. *marina* | *Leucocryptos marina* (Braarud) Butcher | Cryptophytes | Species | ICE |
| *Leucocryptos remigera* | *Leucocryptos remigera* Vørs | Cryptophytes | Species | N-ICE |
| *Rhodomonas* sp. | *Rhodomonas* spp. | Cryptophytes | Genus | N-ICE |
| *Teleaulax* sp | *Teleaulax* spp. | Cryptophytes | Genus | ICE |
| *Teleaulax* sp. | *Teleaulax* spp. | Cryptophytes | Genus | N-ICE |
| *Telonema* sp. | *Telonema* spp. | Cryptophytes | Genus | N-ICE |
| *Telonema subtile* | *Telonema subtile* Griessmann | Cryptophytes | Species | N-ICE |
| *Dictiocha speculum* var. *octonarius* (Ehrenberg) Taylor | *Octactis octonaria* (Ehrenberg) Hovasse | Dictyochophytes | Species | AARI |
| *Dictyocha speculum* Ehrenberg | *Octactis speculum* (Ehrenberg) Chang, Grieve & Sutherland | Dictyochophytes | Species | N-ICE; AARI |
| *Alexandrium* sp. | *Alexandrium* spp. | Dinoflagellates | Genus | N-ICE |
| *Amphidinium crassum* | *Amphidinium crassum* Lohmann | Dinoflagellates | Species | N-ICE |
| *Amphidinium* sp. | *Amphidinium* spp. | Dinoflagellates | Genus | AARI |
| *Amylax triacantha* | *Amylax triacantha* (Jørgensen) Sournia | Dinoflagellates | Species | AARI |
| *Azadinium* sp. | *Azadinium* spp. | Dinoflagellates | Genus | N-ICE |
| *Cochlodinium* sp. | *Cochlodinium* spp. | Dinoflagellates | Genus | N-ICE |
| Armoured dinoflagellates | Dinoflagellata | Dinoflagellates | Infraphylum | AWI |
| Dinoflagellata indet | Dinoflagellata | Dinoflagellates | Infraphylum | AARI |
| Dinoflagellates >10 µm | Dinoflagellata | Dinoflagellates | Infraphylum | ICE |
| Dinophyceae indet. cyst | Dinoflagellata | Dinoflagellates | Infraphylum | N-ICE |
| Dinophycean indet. 10-20 µm | Dinoflagellata | Dinoflagellates | Infraphylum | N-ICE |
| Large round dino | Dinoflagellata | Dinoflagellates | Infraphylum | ICE |
| Large thecate dinos >40 µm | Dinoflagellata | Dinoflagellates | Infraphylum | ICE |
| Naked dinos <20 µm | Dinoflagellata | Dinoflagellates | Infraphylum | ICE |
| Naked dinos 20-40 µm | Dinoflagellata | Dinoflagellates | Infraphylum | ICE |
| Thecate dinophyceae indet. 10-20um | Dinoflagellata | Dinoflagellates | Infraphylum | N-ICE |
| Thecate dinos <20 µm | Dinoflagellata | Dinoflagellates | Infraphylum | ICE |
| Thecate dinos 20-40 µm | Dinoflagellata | Dinoflagellates | Infraphylum | ICE |
| *Dinophysis arctica* | *Dinophysis arctica* Mereschkowsky | Dinoflagellates | Species | AARI |
| *Dinophysis norvegica* | *Dinophysis norvegica* Claparède & Lachmann | Dinoflagellates | Species | AARI |
| *Dinophysis* sp. | *Dinophysis* spp. | Dinoflagellates | Genus | N-ICE; AARI |
| *Gonyaulax* sp. | *Gonyaulax* spp. | Dinoflagellates | Genus | AARI |
| *Gymnodinium* sp. cf. *G. arcticum* | *Gymnodinium arcticum* | Dinoflagellates | Species | N-ICE |
| *Gymnodinium arcticum* | *Gymnodinium arcticum* Wulff | Dinoflagellates | Species | ICE |
| *Gymnodinium galeatum* | *Gymnodinium galeatum* Larsen | Dinoflagellates | Species | N-ICE |
| *Gymnodinium* sp. cf. *G. gracilentum* | *Gymnodinium gracilentum* | Dinoflagellates | Species | N-ICE |
| *Gymnodinium gracilentum* | *Gymnodinium gracilentum* Campbell | Dinoflagellates | Species | N-ICE |
| *Gymnodinium simplex* | *Gymnodinium simplex* (Lohmann) Kofoid & Swezy | Dinoflagellates | Species | N-ICE |
| *Gymnodinium* sp. | *Gymnodinium* spp. | Dinoflagellates | Genus | N-ICE |
| *Gymnodinium* sp. <10 µm | *Gymnodinium* spp. | Dinoflagellates | Genus | N-ICE |
| *Gymnodinium* sp. 1 | *Gymnodinium* spp. | Dinoflagellates | Genus | N-ICE |
| *Gymnodinium* sp. 10-20 µm | *Gymnodinium* spp. | Dinoflagellates | Genus | N-ICE |
| *Gymnodinium* sp. 20-30 µm | *Gymnodinium* spp. | Dinoflagellates | Genus | N-ICE |
| *Gymnodinium* sp. 3 | *Gymnodinium* spp. | Dinoflagellates | Genus | N-ICE |
| *Gymnodinium* sp. 30-40 µm | *Gymnodinium* spp. | Dinoflagellates | Genus | N-ICE |
| *Gymnodinium* sp. 5 | *Gymnodinium* spp. | Dinoflagellates | Genus | N-ICE |
| *Gymnodinium* sp. cyst | *Gymnodinium* spp. | Dinoflagellates | Genus | N-ICE |
| *Gymnodinium*/*Gyrodinium* 10-20 µm | *Gymnodinium* spp. | Dinoflagellates | Genus | N-ICE |
| Large *Gymnodinium* >40 µm | *Gymnodinium* spp. | Dinoflagellates | Genus | ICE |
| *Gymnodinium wulffii* | *Gymnodinium wulffii* | Dinoflagellates | Species | AARI |
| *Gymnodinium* sp. cf. *G. wulfii* | *Gymnodinium wulffii* Schiller | Dinoflagellates | Species | N-ICE |
| *Gyrodinium* <20 µm | *Gyrodinium* spp. | Dinoflagellates | Genus | ICE |
| *Gyrodinium* sp. | *Gyrodinium* spp. | Dinoflagellates | Genus | N-ICE; AARI |
| Large Gyrodinium >40 µm | *Gyrodinium* spp. | Dinoflagellates | Genus | ICE |
| *Heterocapsa arctica* | *Heterocapsa arctica* Horiguchi | Dinoflagellates | Species | N-ICE |
| *Heterocapsa rotundata* | *Heterocapsa rotundata* (Lohmann) Hansen | Dinoflagellates | Species | N-ICE |
| *Heterocapsa* sp. | *Heterocapsa* spp. | Dinoflagellates | Genus | AARI |
| *Heterocapsa*  sp. | *Heterocapsa* spp. | Dinoflagellates | Genus | N-ICE |
| *Heterocapsa* sp./*Polarella glacialis* | *Heterocapsa* spp. | Dinoflagellates | Genus | N-ICE |
| *Lessardia elongata* | *Lessardia elongata* Saldarriaga & Taylor | Dinoflagellates | Species | N-ICE |
| *Oxyrrhis* sp. | *Oxyrrhis* spp. | Dinoflagellates | Genus | N-ICE |
| *Protoperidinium quinquecorne* (Abé) Balech | *Peridinium quadridentatum* (Stein) Hansen | Dinoflagellates | Species | AARI |
| *Phalacroma rotundatum* | *Phalacroma rotundatum* | Dinoflagellates | Species | AARI |
| *Dinophysis rotundata* Claparède & Michener | *Phalacroma rotundatum* (Claparède & Lachmann) Kofoid & Michener | Dinoflagellates | Species | N-ICE |
| *Polarella glacialis* cyst | *Polarella glacialis* | Dinoflagellates | Species | N-ICE |
| *Polariella glacialis* (cysts) | *Polarella glacialis* | Dinoflagellates | Species | ICE |
| *Polarella glacialis* | *Polarella glacialis* Montresor, Procaccini & Stoecker | Dinoflagellates | Species | N-ICE |
| *Prorocentrum minimum* (Pavillard) Schiller | *Prorocentrum cordatum* (Ostenfeld) Dodge | Dinoflagellates | Species | N-ICE |
| *Prorocentrum* spp. | *Prorocentrum* spp. | Dinoflagellates | Genus | ICE |
| *Protoperidinium bipes* | *Protoperidinium bipes* (Paulsen) Balech | Dinoflagellates | Species | AARI |
| *Protoperidinium brevipes* | *Protoperidinium brevipes* (Paulsen) Balech | Dinoflagellates | Species | AARI |
| *Protoperidinium* cf. *depressum* | *Protoperidinium depressum* (Bailey) Balech | Dinoflagellates | Species | AARI |
| *Protoperidinium pallidum* | *Protoperidinium pallidum* (Ostenfeld) Balech | Dinoflagellates | Species | AARI |
| *Protoperidinium* sp. | *Protoperidinium* spp. | Dinoflagellates | Genus | N-ICE; AARI |
| *Protoperidinium* spp. | *Protoperidinium* spp. | Dinoflagellates | Genus |  |
| *Protoperidinium* spp. 1+2 | *Protoperidinium* spp. | Dinoflagellates | Genus | AARI |
| *Protoperidinium thorianum* | *Protoperidinium thorianum* (Paulsen) Balech | Dinoflagellates | Species | AARI |
| *Scrippsiella trochoidea* (Stein) Loeblich III | *Scrippsiella acuminata* (Ehrenberg) Kretschmann, Elbrächter, Zinssmeister, Soehner, Kirsch, Kusber & Gottschling | Dinoflagellates | Species | AARI |
| *Anisonema* sp. | *Anisonema* spp. | Euglenophytes | Genus | N-ICE |
| Euglena spec. | Euglenoidea | Euglenophytes | Class | AWI |
| Euglenoidea indet. | Euglenoidea | Euglenophytes | Class | N-ICE |
| Prasinophyceae | Prasinophyceae | Prasinophytes | Class | AWI |
| Prasinophyceaeindet. 7-10 µm | Prasinophyceae | Prasinophytes | Class | N-ICE |
| *Pyramimonas* sp. cf.*P. nansenii* | *Pyramimonas nansenii* Braarud | Prasinophytes | Species | N-ICE |
| *Pyramimonas* sp. | *Pyramimonas* spp. | Prasinophytes | Genus | ICE |
| *Pyramimonas* sp. | *Pyramimonas* spp. | Prasinophytes | Genus | N-ICE |
| *Pyramimonas* sp. cf.*P. virginica* | *Pyramimonas virginica* Pennick | Prasinophytes | Species | N-ICE |
| *Algirosphaera robusta* | *Algirosphaera robusta* (Lohmann) Norris | Prymnesiophytes | Species | N-ICE |
| Coccolithales indet. | Coccolithales | Prymnesiophytes | Order | N-ICE |
| Coccolithales indet. >15 µm | Coccolithales | Prymnesiophytes | Order | N-ICE |
| Coccolithales indet. 11-15 µm | Coccolithales | Prymnesiophytes | Order | N-ICE |
| Coccolithales indet. 3-7 µm | Coccolithales | Prymnesiophytes | Order | N-ICE |
| Coccolithales indet. 7-10 µm | Coccolithales | Prymnesiophytes | Order | N-ICE |
| Coccolithophores | Coccolithales | Prymnesiophytes | Order | ICE |
| *Pavlova lutheri* (Droop) Green | *Diacronema lutheri* (Droop) Bendif & Véron | Prymnesiophytes | Species | N-ICE |
| *Emiliania huxleyi* | *Emiliania huxleyi* (Lohmann) Hay & Mohler | Prymnesiophytes | Species | N-ICE |
| *Phaeocystis pouchetii* (colonies) | *Phaeocystis pouchetii* | Prymnesiophytes | Species | ICE |
| *Phaeocystis pouchetii* (solitary flagellate cells) | *Phaeocystis pouchetii* | Prymnesiophytes | Species | ICE |
| *Phaeocystis pouchetii* (solitary) | *Phaeocystis pouchetii* | Prymnesiophytes | Species |  |
| *Phaeocystis pouchetii* | *Phaeocystis pouchetii* (Hariot) Lagerheim | Prymnesiophytes | Species | N-ICE |
| Raphidophyceae indet. | Raphidophyceae | Raphidophytes | Class | N-ICE |
| *Groenlandiella brevispina* | *Groenlandiella brevispina* Kol | Xanthophytes | Species | AARI |
| *Groenlandiella* sp. | *Groenlandiella* spp. | Xanthophytes | Genus | AARI |
| *Meringosphaera mediterranea* | *Meringosphaera mediterranea* Lohmann | Xanthophytes | Species | N-ICE; AARI |
| *Meringosphaera* sp. | *Meringosphaera* spp. | Xanthophytes | Genus | ICE |
| *Meringosphaera tenerrima* Schiller | *Raphidosphaera tenerrima* (Schiller) Silva | Xanthophytes | Species | AARI |
| Choanoflagellatea indet. | Choanoflagellatea | Flagellates | Class | N-ICE |
| Choanoflagellates | Choanoflagellatea | Flagellates | Class | ICE |
| Bean-shaped flagellate | Flagellate | Flagellates | Descriptive | ICE |
| Biflagellatae indet. 11-15 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Biflagellatae indet. 3-7 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Biflagellatae indet. 7-10 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Drop shaped flagellates | Flagellate | Flagellates | Descriptive | AWI |
| Flagellate with lobes | Flagellate | Flagellates | Descriptive | ICE |
| Flagellates <5 µm | Flagellate | Flagellates | Descriptive | ICE |
| Flagellates 5-10 µm | Flagellate | Flagellates | Descriptive | ICE |
| Flagellates indet. 3 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Flagellates indet. >10 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Flagellates indet. >15µ | Flagellate | Flagellates | Descriptive | N-ICE |
| Flagellates indet. 11-15 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Flagellates indet. 3-7 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Flagellates indet. 7-10 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Fourflagellates indet. | Flagellate | Flagellates | Descriptive | N-ICE |
| Fourflagellates indet. 7-10 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Heterotrophic flagellate | Flagellate | Flagellates | Descriptive | N-ICE |
| Large flagellate >20 µm | Flagellate | Flagellates | Descriptive | ICE |
| Round shaped flagellates | Flagellate | Flagellates | Descriptive | AWI |
| Unifagellatae ident. 3-7 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Unifagellatae ident. 7-10 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Unifagellatae indet. 3-7 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Unifagellatae indet. 7-10 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Uniflagellatae indet. 11-15 µm | Flagellate | Flagellates | Descriptive | N-ICE |
| Helioza spec | Heliozoa | Heliozoa | Phylum | AWI |
| *Acanthostomella norvegica* | *Acanthostomella norvegica* (Daday) Jørgensen | Ciliates | Species | N-ICE |
| Large choreotrich ciliate >40 µm | Choreotrichia | Ciliates | Subclass | ICE |
| Ciliates | Ciliophora | Ciliates | Phylum | AWI |
| Ciliophora indet. | Ciliophora | Ciliates | Phylum | N-ICE |
| Ciliophora indet. 10-20 µm | Ciliophora | Ciliates | Phylum | N-ICE |
| Ciliophora indet. 20-30 µm | Ciliophora | Ciliates | Phylum | N-ICE |
| Ciliophora indet. 30-40 µm | Ciliophora | Ciliates | Phylum | N-ICE |
| Ciliophora indet. 40-50 µm | Ciliophora | Ciliates | Phylum | N-ICE |
| Ciliophora indet. 50-60 µm | Ciliophora | Ciliates | Phylum | N-ICE |
| Ciliophora indet. 60-70 µm | Ciliophora | Ciliates | Phylum | N-ICE |
| Ciliophora indet. 70-80 µm | Ciliophora | Ciliates | Phylum | N-ICE |
| Ciliophora indet. 80-90 µm | Ciliophora | Ciliates | Phylum | N-ICE |
| Ciliophora indet. 90-100 µm | Ciliophora | Ciliates | Phylum | N-ICE |
| Ciliophora indet. cyst | Ciliophora | Ciliates | Phylum | N-ICE |
| Deformed Ciliophora with endosymbionts | Ciliophora | Ciliates | Phylum | N-ICE |
| Large round ciliate >40 µm | Ciliophora | Ciliates | Phylum | ICE |
| Naked ciliates <20 µm | Ciliophora | Ciliates | Phylum | ICE |
| Naked ciliates 20-40 µm | Ciliophora | Ciliates | Phylum | ICE |
| *Didinium* sp. | *Didinium* spp. | Ciliates | Genus | ICE; N-ICE |
| *Euplotes* sp. | *Euplotes* spp. | Ciliates | Genus | N-ICE |
| *Leegaardiella sol* | *Leegaardiella sol* (Lynn) Montagnes | Ciliates | Species | N-ICE |
| *Lohmanniella oviformis* | *Lohmanniella oviformis* Leegaard | Ciliates | Species | N-ICE |
| *Myrionecta rubra* (*Mesodinium rubrum*) | *Mesodinium rubrum* | Ciliates | Species | ICE |
| *Myrionecta rubra* Lohmann | *Mesodinium rubrum* | Ciliates | Species | ICE |
| *Mesodinium rubrum* | *Mesodinium rubrum* Leegaard | Ciliates | Species | N-ICE |
| *Salpingella secata* | *Salpingella secata* Brandt | Ciliates | Species | N-ICE |
| Scuticociliate | Scuticociliatia | Ciliates | Subclass | N-ICE |
| *Strombidium* sp. | *Strombidium* spp. | Ciliates | Genus | N-ICE |
| *Uronema marinum* | *Uronema marinum* Womersley | Ciliates | Species | N-ICE |