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Bacillariophyta from Admiralty Bay (species list in alphabetic order)

[Achnanthes charcotii](#) M. Peragallo 1921
[Achnanthes coarctata](#) (Brébisson) Grunow in Cleve & Grunow, 1880
[Achnanthes flexella](#) (Kützing) Brun, 1880
[Achnanthes groenlandica](#) (Cleve) Grunow in Cleve & Grunow, 1880
[Achnanthes laevis](#) Østrup, 1910
[Actinocyclus actinochilus](#) (Ehrenberg) Simonsen, 1982
[Actinocyclus divisus](#) (Grunow) Hustedt, 1958
[Actinocyclus octonarius](#) Ehrenberg, 1838
[Amphiprora kjellmanii](#) P.T. Cleve in Cleve & Grunow, 1880
[Amphiprora kjellmanii](#) var. *subtillissima* Van Heurck, 1909
[Amphiprora kufferathii](#) Manguin, 1960
[Amphiprora oestrupii](#) Van Heurck, 1909
[Amphora angusta](#) Gregory, 1857
[Amphora barrei](#) Manguin, 1957
[Amphora lunula](#) var. *parvula* Heiden in Heiden & Kolbe, 1928
[Amphora peragallorum](#) Van Heurck, 1909
[Amphora proteus](#) (Greg.) Cleve
[Amphora terroris](#) Ehrenb. 1853
[Arachnoidiscus ehrenbergii](#) J.W. Bailey in Ehrenberg, 1849
[Asteromphalus hookerii](#) Ehrenberg, 1844
[Asteromphalus hyalinus](#) Karsten, 1905
[Asteromphalus parvulus](#) Karsten, 1905
[Azpeitia tabularis](#) (Grunow) G. Fryxell & P.A. Sims in Fryxell, Sims & Watkins, 1986
[Banquisia belgicae](#) (Van Heurck) Paddock, 1988
[Berkeleya rutilans](#) (Trentepohl ex Roth) Grunow, 1880
[Chaetoceros concavicornis](#) Mangin, 1917
[Chaetoceros dictyota](#) Ehrenberg, 1844
[Chaetoceros gaussii](#) Heiden & Kolbe, 1928
[Chaetoceros neglectus](#) Karsten, 1905
[Chaetoceros tortissimus](#) Gran, 1900
[Cocconeis antiqua](#) var. *tenuistriata* Van Heurck, 1909
[Cocconeis balatonsis](#) Pantocsek, 1902
[Cocconeis calcar](#) (Cleve) Cleve-Euler, 1953
[Cocconeis costata](#) Gregory, 1855
[Cocconeis costata](#) var. *hexagona* Grunow in Van Heurck, 1880
[Cocconeis decipiens](#) Cleve, 1873
[Cocconeis distans](#) var. *bahusiensis* Cleve-Euler, 1953
[Cocconeis fasciolata](#) (Ehrenberg) Brown, 1920
[Cocconeis gautieri](#) Van Heurck, 1909
[Cocconeis illustris](#) Schmidt in Schmidt et al., 1894
[Cocconeis infirmata](#) Manguin, 1957
[Cocconeis litigiosa](#) Van Heurck, 1909

Cocconeis melchiori Frenguelli & Orlando, 1958
Cocconeis orbicularis Frenguelli & Orlando
[*Cocconeis* sp. 2](#)
Corethron pennatum (Grunow) Ostenfeld, 1903
[*Coscinodiscus bouvet* Karsten, 1905](#)
[*Coscinodiscus oculoides* Karsten, 1905](#)
[*Coscinodiscus oculus-iridis* Ehrenberg emend Sancetta, 1987](#)
Cuneolus skvortzowii (Nikolajev) Medlin, 1986
[*Cylindrotheca closterium* \(Ehrenberg\) Reiman & Lewin, 1964](#)
Cylindrotheca tenuijunctus (Manguin) Hasle
Diploneis latefurcata (Fontell) Cleve-Euler, 1953
[*Diploneis subcincta* \(A. Schmidt\) Cleve, 1894](#)
[*Entopyla australis* var. *gigantea* \(Greville\) Fricke in Schmidt et al., 1902](#)
[*Entopyla ocellata* \(Arnott\) Grunow, 1862](#)
[*Eucampia antarctica* \(Castracane\) Manguin, 1915](#)
[*Fallacia marnieri* \(Manguin\) A. Witkowski, H. Lange-Bertalot & D. Metzeltin, 2000](#)
Fragilaria investiens (W. Smith) Cleve-Euler, 1953
[*Fragilaria striatula* Lyngbye, 1819](#)
[*Fragilariopsis curta* \(Van Heurck\) Hustedt, 1958](#)
[*Fragilariopsis cylindrus* \(Grunow in Cleve & Möller\) W. Krieger in Helmcke & Krieger, 1954](#)
[*Fragilariopsis kerguelensis* \(O'Meara\) Hustedt, 1952](#)
[*Fragilariopsis obliquecostata* \(Van Heurck\) Heiden & Kolbe, 1928](#)
[*Fragilariopsis rhombica* \(O'Meara\) Hustedt, 1952](#)
[*Fragilariopsis ritscheri* Hustedt, 1958](#)
[*Fragilariopsis separanda* Hustedt, 1958](#)
[*Fragilariopsis vanheurckii* \(M. Peragallo\) Hustedt, 1958](#)
[*Gomphonema* sp.](#)
Gomphonemopsis littoralis (Hendey) Medlin in Medlin & Round, 1986
[*Grammatophora angulosa* Ehrenberg, 1841](#)
Grammatophora charcotii M. Peragallo, 1921
Grammatophora gausii Heiden & Kolbe, 1928
[*Grammatophora marina* \(Lyngbye\) Kützing, 1844](#)
[*Gyrosigma fasciola* \(Ehrenberg\) J.W. Griffith & Henfrey, 1856](#)
[*Gyrosigma macrum* \(Ehrenberg, 1839\) J.W. Griffith & Henfrey, 1856](#)
Gyrosigma subsalinum var. *antarctica* Frenguelli & Orlando, 1958
[*Haslea trompii* \(Cleve\) Simonsen, 1974](#)
[*Isthmia enervis* Ehrenberg, 1838](#)
[*Licmophora abbreviata* C.A. Agardh, 1831](#)
[*Licmophora antarctica* Carlson, 1913](#)
[*Licmophora hyalina* \(Kütz.\) Grun., 1867](#)
Licmophora juergensii var. *finmarchica* Grunow in Cleve & Grunow, 1880
[*Licmophora juergensii* C.A. Agardh, 1831](#)
Licmophora latestriata M. Peragallo, 1924
[*Luticola mutica* \(Kützing\) D.G. Mann in Round et al., 1990](#)
[*Manguinea fusiformis* \(Manguin\) Paddock, 1988](#)
[*Melosira moniliformis* \(O.F. Müller\) C. Agardh, 1824](#)
[*Melosira setosa* Grev., 1866](#)
[*Membraneis challengerii* \(Grunow in Cleve & Grunow\) Paddock, 1988](#)
[*Navicula antarctica* Frenguelli](#)

[*Navicula cancellata* Donkin, 1873](#)
Navicula criophila var. *stauroptera* Manguin, 1960
[*Navicula directa* \(W. Smith\) Ralfs in Pritchard, 1861](#)
[*Navicula glaciei* Van Heurck, 1909](#)
Navicula imperfecta var. *antarctica* Heiden & Kolbe, 1928
Navicula jejunoides Van Heurck, 1909
[*Navicula* sp. 1](#)
Nitzschia adeliانا var. *maior* Manguin, 1960
[*Nitzschia angularis* W. Smith, 1853](#)
[*Nitzschia decipiens* Hustedt, 1958](#)
[*Nitzschia lecointei* Van Heurck, 1909](#)
Nitzschia neglecta Hustedt, 1958
Nitzschia obscurepunctata Hustedt, 1958
[*Nitzschia* sp. 3](#)
[*Odontella aurita* \(Lyngbye\) C. A. Agardh, 1832](#)
[*Odontella litigiosa* \(Van Heurck\) Hoban in Hoban, Fryxell & Buck, 1980](#)
[*Odontella weissflogii* \(Grunow in Van Heurck\) Grunow, 1884](#)
Paralia sol (Ehrenberg) Crawford
[*Parlibellus rhombicus* \(Gregory\) E.J. Cox, 1988](#)
Parlibellus schuettii (Van Heurck) Cox, 1988
Parlibellus variabilis (Heiden) Simonsen, 1992
[*Pinnularia borealis* Ehrenberg, 1843](#)
[*Pinnularia quadratarea* \(W. Schmidt\) Cleve](#)
Pinnularia quadratarea var. *bicuneata* Heiden
Pinnularia quadratarea var. *soederlundii* Cleve
Plagiotropis australis (M. Peragallo) Paddock, 1988
[*Pleurosigma directum* Grunow, 1880](#)
[*Porosira glacialis* \(Grunow\) E. Jørgensen, 1905](#)
[*Porosira pseudodenticulata* \(Hustedt\) Jousé in Kozlova, 1962](#)
[*Proboscia alata* \(Brightwell\) Sundström, 1986](#)
[*Pseudogomphonema kamtschaticum* \(Grunow\) Medlin in Medlin & Round, 1986](#)
[*Pseudo-nitzschia lineola* \(Cleve\) Hasle](#)
[*Pseudo-nitzschia subcurvata* \(G.R. Hasle\) G.A. Fryxell](#)
[*Pseudo-nitzschia turgiduloides* \(G.R. Hasle\) G.R. Hasle](#)
[*Rhabdonema arcuatum* \(Lyngbye in Hornemann\) Kützing, 1844](#)
[*Rhabdonema minutum* Kützing, 1844](#)
[*Rhizosolenia antennata* f. *semispina* Sundström, 1986](#)
[*Rhoicosphenia* sp. 1](#)
[*Rhoicosphenia* sp. 2](#)
[*Stauroneis* sp.](#)
[*Stellarima microtrias* \(Ehrenberg\) Hasle & Sims, 1986](#)
[*Synedra* sp.](#)
[*Synedropsis laevis* \(Heiden in Heiden & Kolbe\) Hasle, Medlin & Syvertsen, 1994](#)
[*Synedropsis recta* Hasle, Medlin & Syvertsen, 1994](#)
[*Tabularia fasciculata* \(C. Agardh\) D.M. Williams & Round, 1986](#)
Tabulariopsis australis (M. Peragallo) Williams, 1988
Thalassionema bacillaris (Heiden & Kolbe) Kolbe, 1955
[*Thalassionema nitzschioides* \(Grunow, 1862\) Van Heurck, 1896](#)
[*Thalassiosira ambigua* Kozlova](#)
[*Thalassiosira antarctica* Comber, 1896](#)

[*Thalassiosira australis* M. Peragallo](#)
[*Thalassiosira dichotomica* \(Kozlova\) Fryxell & Johansen](#)
[*Thalassiosira frenguelliopsis* Fryxell & Johansen](#)
[*Thalassiosira gracilis* \(Karsten\) Hustedt](#)
[*Thalassiosira gracilis* var. *expecta* \(Van Land.\) Fryxell & Hasle](#)
[*Thalassiosira lentiginosa* \(Janisch\) Fryxell](#)
[*Thalassiosira oliveriana* \(O'Meara\) Makarova & Nikolaev](#)
[*Thalassiosira ritscheri* \(Hustedt\) Hasle](#)
[*Thalassiosira scotia* Fryxell & Hoban](#)
[*Thalassiosira tumida* \(Janisch\) Hasle](#)
[*Thalassiothrix antarctica* Schimper ex Karsten, 1905](#)
[*Trachyneis aspera* \(Ehrenberg; Ehrenberg\) Cleve, 1894](#)
Trachyneis aspera var. *intermedia* (Grunow in Schmidt et al.) Cleve, 1894
[*Trichotoxon reinboldii* \(Van Heurck\) Reid & Round](#)
Trigonum arcticum (Brightwell) Cleve, 1868
[*Tropidoneis* sp.](#)

Information confirming the presence of the above mentioned species in Admiralty Bay can be found in the following papers:

Blazewicz-Paszkowycz and Ligowski 2002; Brandini and Rebello 1994, Ligowski 1987, 1992, 1993a, b, 1998, 2000; Peragallo 1921. [\(PDF\)](#)

Many other data on the species listed above one can find in the databases:

The SCAR-MarBIN Register of Antarctic Marine Species (RAMS) at <http://www.scarmarbin.be/index.php>

World Register of Marine Species (WoRMS) at <http://www.marinespecies.org/index.php>