

Ceratium arietinum Cleve

Kongl. Svenska Vetensk. Acad. Handl. 34: 13, pl. 7, fig. 3 (1900)

Neoceratium arietinum (Cleve) F.Gómez, D.Moreira & López-García, *Protist* 161: 43 (2010), *nom. illeg.*

Type locality: Atlantic Ocean, Indian Ocean

Ceratium tripos var. *bucephalum* Cleve, *Fifteenth Annual Report of the Fisheries Board for Scotland, being for the year 1896. Part III. Scientific Investigations* 302, fig. 5 (1897); *Ceratium bucephalum* (Cleve) Cleve, *Kongl. Svenska Vetensk. Acad. Handl.* 34: 20, 36, 58 (1900)

Type locality: North Sea, Svalbard

Ceratium tripos f. *detortum* Stüwe, *Bot. Jahrb.* 43(4): 274, pl. 2, fig. 14 (1909); *Ceratium arietinum* f. *detortum* (Stüwe) Jörg., *Rep. Danish Oceanogr. Exped. Mediterr. Adjacent Seas* 2, J.1: 62 (1920)

Type locality: North Atlantic Ocean

Ceratium arietinum f. *valens* Jörg., *Rep. Danish Oceanogr. Exped. Mediterr. Adjacent Seas* 2, J.1: 64 (1920)

Type locality: Azores, Bay of Biscay, Portugal

Ceratium arietinum f. *regulare* Jörg., *Rep. Danish Oceanogr. Exped. Mediterr. Adjacent Seas* 2, J.1: 64 (1920)

Type locality: Bay of Biscay

?*Ceratium arietinum* f. *gracilentum* Jörg., *Rep. Danish Oceanogr. Exped. Mediterr. Adjacent Seas* 2, J.1: 64 fig. 62 (1920)

Type locality: Mediterranean Sea (France)

Australian distribution: Qld (Torres Strait, Great Barrier Reef), N.S.W., Vic., Tas., W.A.

Extra-Australian distribution: Brazil, Caribbean Sea, Gulf of Mexico, Bermuda, U.S.A. (Virginia, New York), Canary Islands, Azores, Bay of Biscay, Portugal, France, North Atlantic Ocean, British Isles, North Sea, Baltic Sea, Greenland, Svalbard, Arctic Ocean, Mediterranean Sea, Black Sea, Red Sea, Arabian Sea, Indian Ocean, Gulf of Thailand, South China Sea, East China Sea, Sea of Japan, Yellow Sea, SW Pacific Ocean, Tasman Sea, New Zealand, eastern tropical Pacific Ocean

References: E.J.F.Wood, Dinoflagellates in the Australian region, *Austral. J. Mar. Freshw. Res.* 5: 171–351 (1954)

J.M.Huisman, The genus *Ceratium* Schrank (Dinophyceae) in Bass Strait and adjoining waters, southern Australia, *Austral. Syst. Bot.* 2: 425–454 (1989)

G.M.Hallegraeff, C.J.S.Bolch, J.M.Huisman & M.F. de Salas, Planktonic dinoflagellates, *Algae of Australia: Phytoplankton of Temperate Coastal Waters* 145–212 (2010)

Synonymy after F.Gómez, A list of free-living dinoflagellate species in the world's oceans, *Acta Bot. Croat.* 64: 129–212 (2005)