

Ceratium pentagonum Gourret

Ann. Mus. Hist. Nat. Marseille (Zool.) 1(8): 45, pl. 4, fig. 58 (1883)

Neoceratium pentagonum (Gourret) F.Gómez, D.Moreira & López-García, *Protist* 161: 45 (2010), *nom. illeg.*

Type locality: Mediterranean Sea (France)

Australian distribution: Gulf of Carpentaria, Coral Sea, Qld (Great Barrier Reef, SE coast), East Australian Current, N.S.W., Vic., Bass Strait, Tas., W.A. (North-west Shelf)

Extra-Australian distribution: Gulf of Mexico, Canary Islands, North Atlantic Ocean, British Isles, North Sea, Mediterranean Sea, Adriatic Sea, Black Sea, Red Sea, East Africa, Gulf of Aden, Persian Gulf, Arabian Sea, Indian Ocean, South China Sea, East China Sea, Japan, North Pacific Ocean, Solomon Islands, SW Pacific Ocean, Tasman Sea, New Zealand, Heard Island, Southern Ocean (S of Australia), Antarctica, Peru, south-eastern Pacific Ocean

Note: Huisman (1987) accepted *C. pentagonum* var. *robustum* (Cleve) Jörg and *C. pentagonum* var. *tenerum* Jörg. as clearly distinguishable entities in Bass Strait

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

S.W.Jeffrey & G.M.Hallegraeff, Studies of phytoplankton species and photosynthetic pigments in a warm core eddy of the East Australian Current. I. Summer populations, *Mar. Ecol. Prog. Ser.* 3: 285–294 (1980)

N.Revelante, W.T.Williams & J.S.Bunt, Temporal and spatial distribution of diatoms, dinoflagellates and *Trichodesmium* in waters of the Great Barrier Reef Australia, *Journal of Experimental Marine Biology and Ecology* 63: 27–46 (1982)

G.M.Hallegraeff & S.W.Jeffrey, Tropical phytoplankton species and pigments of continental shelf waters of north and north-west Australia, *Mar. Ecol. Prog. Ser.* 20: 59–74 (1984)

S.W.Jeffrey & G.M.Hallegraeff, Phytoplankton pigments, species and light climate in a complex warm-core eddy of the East Australian Current, *Deep Sea Res., Part A* 34: 649–673 (1987)

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 & D.D.Reid, Phytoplankton species successions and their hydrological environment at a coastal station off Sydney, *Austral. J. Mar. Freshw. Res.* 37: 361–377 (1986)

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)