

**Ceratium trichoceros** (Ehrenb.) Kent

*Manual of the Infusoria* 457 (1881)

*Peridinium trichoceros* Ehrenb., *Monatsber. Verh. Königl. Preuss. Akad. Wiss. Berlin* 1859: 791 (1860); *Neoceratium trichoceros* (Ehrenb.) F.Gómez, D.Moreira & López-García, *Protist* 161: 46 (2010), *nom. illeg.*

*Type locality*: Adriatic Sea

*Ceratium trichoceros* f. *claviceps* Schröd., *Vierteljahr. Naturf. Ges. Zürich* 51: (1906)

*Type locality*: ?

*Ceratium hundhausenii* Schröd., *Vierteljahr. Naturf. Ges. Zürich* 51: 364, fig. 37 (1906); *Ceratium carriense* f. *hundhausenii* (Schröd.) E.J.F.Wood, *Austral. J. Mar. Freshw. Res.* 5: 309 (1954)

*Type locality*: Arabian Sea

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

*Extra-Australian distribution*: South Atlantic Ocean, Brazil, Caribbean Sea, Gulf of Mexico, U.S.A. (Washington, Florida, NE coast), Gulf Stream, Canada (E coast), North Atlantic Ocean, Canary Islands, Nigeria, British Isles, North Sea, Mediterranean Sea, Adriatic Sea, Black Sea, Red Sea, Persian Gulf, Arabian Sea, Indian Ocean, Bay of Bengal, Indonesia, South China Sea, East China Sea, Yellow Sea, Japan, Papua New Guinea, Solomon Islands, SW Pacific Ocean, Tasman Sea, New Zealand, eastern Pacific Ocean

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

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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)

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

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