

Ceratium contrarium (Gourret) Pavill.

Trav. Inst. Bot. Univ. Montpellier 2: 53 (1905)

Ceratium tripos var. *contrarium* Gourret, *Ann. Mus. Hist. Nat. Marseille (Zool.)* 1(8): 32, pl. 3, fig. 51 (1883);
Ceratium trichoceros var. *contrarium* (Gourret) J.Schiller, *Rabenhorst's Kryptogamen-Flora von Deutschland, Österreich und der Schweiz* 10(3), Teil 2(4): 431 (1937)

Type locality: Mediterranean Sea (France)

Australian distribution: Gulf of Carpentaria/North-west Shelf, Qld, N.S.W.

Extra-Australian distribution: Brazil, Gulf of Mexico, U.S.A. (Virginia), Canary Islands, Spain, Mediterranean Sea, Black Sea, Red Sea, Arabian Sea, South China Sea, Japan, North Pacific Ocean, Solomon Islands, Tasman Sea, New Zealand, SW Pacific Ocean, Pacific coast of Mexico, Peru

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

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)