

Protoceratium areolatum Kofoid

Bull. Mus. Compar. Zool. Harvard Coll. 50: 169, pl. 12, fig. 71 (1907)

Type locality: eastern tropical Pacific Ocean

Australian distribution: Gulf of Carpentaria/North-west Shelf, N.S.W. (off Sydney), NE Indian Ocean

Extra-Australian distribution: Gulf of Mexico, Caribbean Sea, Canary Islands, Mediterranean Sea, Black Sea, eastern tropical Pacific Ocean

References: E.J.F.Wood, Dinoflagellates in the Australian region. II – Recent collections, *Tech. Pap. Div. Fish. Oceanogr. CSIRO* 14: 1–55 (1963)

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)

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)