

Amphidinium operculatum Clap. & J.Lachm.

Mém. Inst. Nat. Genève. 6 (1858): 410, pl. 20, figs 9, 10 (1859)

Type locality: Norway

Amphidinium klebsii Kofoid & Swezy, *Mem. Univ. Calif.* 5: 144, fig. 14, U (1921), as *klebsii*

Type locality: Mediterranean Sea (Italy)

Amphidinium elegans Grell & Wohlf.-Botterm., *Zeitschr. Zellforsch.* 47: 7 (1957)

Type locality: ?

Australian distribution: N.S.W. (Port Hacking, Botany Bay, Port Stephens; in sand), W.A. (Shark Bay)

Extra-Australian distribution: Brazil, Caribbean Sea, Gulf of Mexico, U.S.A. (Virginia, Rhode Island), Canary Islands, British Isles, North Sea, Norway, Mediterranean Sea, Adriatic Sea, Black Sea, Kuwait, Indonesia, 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)

S.Al-Qassab, W.J.Lee, S.Murray, A.G.B.Simpson & D.J.Patterson, Flagellates from stromatolites and surrounding sediments in Shark Bay, Western Australia, *Acta Protozool.* 41: 91–144 (2002)

S.Murray, M.F.Jørgensen, N.Daugbjerg & L.Rhodes, *Amphidinium* revisited II. Resolving species boundaries in the *Amphidinium operculatum* species complex (Dinophyceae) including the descriptions of *Amphidinium trulla* sp. nov. and *Amphidinium gibbosum* comb. nov., *J. Phycol.* 40: 366–382 (2004)

S.Murray, Benthic dinoflagellates, *Algae of Australia: Phytoplankton of Temperate Coastal Waters* 213–259 (2010)

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