

Bacillaria paxillifera (O.F.Müll.) M.Marsson

Z. Angew. Mikroskop. 6: 254 (1901), as *paxillifer*

Vibrio paxillifera O.F.Müll., *Animalcula Infusoria Fluviatilia et Marina* 54, pl. 7, figs 3–7 (1786), as *paxillifer*

Bacillaria paradoxa J.F.Gmel., *Carolia Linne ... Systema Naturae per regna tria naturae secundum classes, ordines, genera species cum characteribus, differentiis, synonymis, locis*. 13th edn, 1: 3903 (1788)

Type locality: Denmark

Australian distribution: N & NW Australia, Qld, N.S.W. (Port Hacking, Sydney), Vic. (Gippsland Lakes, Port Phillip Bay, Western Port Bay), Tas. (Blackman Bay, Georges Bay, Ralphs Bay), S.A., W.A. (Perth)

References: L.H.Crosby & E.J.F.Wood, Studies on Australian and New Zealand diatoms. II. Normally epontic and benthic genera, *Trans. & Proc. Roy. Soc. New Zealand* 86: 1–58 (1959)

N.Revelante & M.Gilmartin, Characteristics of the microplankton and nanoplankton communities of an Australian coastal plain estuary, *Austral. J. Mar. Freshw. Res.* 29: 9–18 (1978)

J.John, The diatom flora of the Swan River Estuary, Western Australia, *Biblioth. Phycol.* 64: 1–358 (1983)

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)

K.Saunders, C.Lane, S.Cook, A.McMinn & G.M.Hallegraeff, Benthic diatoms, *Algae of Australia: Phytoplankton of Temperate Coastal Waters* 88 (2010)

Extra-Australian distribution: Argentina, U.S.A. (S and E coasts), Canada (Bay of Fundy, Gulf of St. Lawrence), British Isles, North Sea, Baltic Sea, Mediterranean Sea, Black Sea, West Africa, SW Asia, New Zealand, Hawaiian Islands

Note: Estuarine and marine habitats