

Auliscus sculptus (W.Sm.) Ralfs ex Pritchard

History of the Infusoria, including the Desmidiaceae and Diatomaceae, British and Foreign 845 (1861)

Eupodiscus sculptus W.Sm., *Syn. Brit. Diatomaceae* 1: 25, pl. 4, fig. 42 (1853)

Type locality: Great Britain

Auliscus caelatus Bailey, *Smithsonian Contrib. Knowl.* 7(3): 6, pl. 1, figs 3, 4 (1854)

Australian distribution: Qld (Moreton Bay), N.S.W. (Lake Macquarie, Port Hacking), Vic. (Lakes Entrance), Tas. (Ralphs Bay, Triabunna), S.A. (Port Lincoln), W.A. (King George Sound, Perth)

References: L.H.Crosby & E.J.F.Wood, Studies on Australian and New Zealand diatoms. I. Planktonic and allied species, *Trans. & Proc. Roy. Soc. New Zealand* 85: 483–530 (1958)

N.Foged, Diatoms in eastern Australia, *Biblioth. Phycol.* 41: 1–243 (1978)

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

K.Saunders, C.Lane, S.Cook, A.McMinn & G.M.Hallegraeff, Benthic diatoms, *Algae of Australia: Phytoplankton of Temperate Coastal Waters* 137 (2010)

Extra-Australian distribution: Gulf of Mexico, U.S.A. (NE coast), Canada (New Brunswick), British Isles, North Sea, Baltic Sea, Spain, South Africa, Arabian Sea, Bay of Bengal, New Zealand

Note: In brackish and marine habitats