

Trachysphenia australis P.Petit

Bull. Soc. Bot. France 24: 32, pl. 5, fig. 19 (1877)

Type locality: Campbell Island

Trachysphenia australis P.Petit var. *rostellata* Hustedt, *Bull. Duke Univ. Mar. Stn* 6: 13, pl. 4, fig. 55 (1955)

Australian distribution: Qld (Capricorn Coast, Noosa), N.S.W. (Hawkesbury River), Tas, (Ralphs Bay), W.A. (Perth)

References: E.J.F.Wood, Studies on Australian and New Zealand diatoms. IV. Descriptions of further sedentary species, *Trans. & Proc. Roy. Soc. New Zealand* 88: 669–698 (1961)

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* 100 (2010)

Extra-Australian distribution: U.S.A. (Washington, E coast), British Isles, East Africa, Indian Ocean, New Zealand, Campbell Island