

**Surirella fastuosa** (Ehrenb.) Ehrenb.

*Abh. Königl. Akad. Wiss. Berlin* 1841: 388 (1843)

*Navicula fastuosa* Ehrenb., *Deutsche Akad. Wiss. Berlin* 1840: 214 (1840)

*Type locality:* ?

*Australian distribution:* Qld (Heron Island, Capricorn Coast, Moreton Bay), N.S.W. (Lake Macquarie, Botany Bay, Port Hacking), Vic. (Mallacoota Inlet, Lakes Entrance), Tas. (Ansons Bay, Little Swanport), W.A. (King George Sound, 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.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* 125 (2010)

*Extra-Australian distribution:* Gulf of Mexico, Pacific coast of Mexico, Caribbean Sea, British Isles, North Sea, Baltic Sea, Spain, Portugal, Mediterranean Sea, Sri Lanka, New Zealand, Hawaiian Islands

*Note:* Marine and in brackish water