

Fragilaria capucina var. **vaucheriae** (Kütz.) Lange-Bert.

Nova Hedwigia 33: 747 (1980)

Exilaria vaucheriae Kütz., *Alg. Aquae Dulcis German.* 1: 32, fig. 38 (1833)

Fragilaria vaucheriae (Kütz.) J.B.Petersen, *Bot. Notiser* 1938: 167, fig. 1a–g (1938)

Type locality: Germany

Australian distribution: Qld, N.S.W., A.C.T., Vic., Tas., W.A. (Perth)

References: 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* 98 (2010)

Extra-Australian distribution: U.S.A., Canada (W and Arctic), British Isles, North Sea, Baltic Sea, Germany, Poland, Barents Sea, Spain, Italy, Romania, Turkey, Kerguelen Island, Vietnam, China, Japan, Hawaiian Islands

Note: A mainly freshwater species