

**Pinnularia major** (Kütz.) Rabenh.

*Süsswasser-Diatomaceen (Bacillarien)* 42, pl. 6, fig. 5 (1853)

*Frustulia major* Kütz., *Linnaea* 8: 547, pl. 14, fig. 25 (1833)

*Type locality:* Germany

*Australian distribution:* N.T., N.S.W. (Lake Macquarie, Botany Bay, Port Hacking), Vic., Tas.

*Reference:* 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)

*Extra-Australian distribution:* U.S.A. (E), Canada (New Brunswick, Quebec, Nova Scotia, Newfoundland), British Isles, North Sea, Germany, Baltic Sea, Spain, Black Sea, Kara Sea, Pakistan, Nigeria, China, Hawaiian Islands

*Note:* Usually in fresh or brackish water