

Mastogloia binotata (Grunow) Cleve

Kongl. Svenska Vetensk.-Akad. Handl., ser. 2, 27(3): 148 (1895)

Cocconeis binotata Grunow, *Verhandl. Kaiserl.-Königlichen Zool.-Bot. Ges. Wien* 13: 145, pl. 13, fig. 13a (1863)

Type locality: "European seas"

Australian distribution: Qld (Cairns), Lord Howe Island, W.A. (Shark Bay)

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, *Mastogloia* species associated with active stromatolites in Shark Bay, west coast of Australia, *Mem. California Acad. Sci.* 17: 190–205 (1990)

Extra-Australian distribution: Brazil, Gulf of Mexico, Caribbean Sea, Sargasso Sea, U.S.A. (Florida, Massachusetts), Bermuda, Canada (E coast), Canary Islands, North Atlantic Ocean, British Isles, Mediterranean Sea (Italy), Adriatic Sea, Romania, Black Sea, Philippines, Micronesia, New Caledonia

Note: In marine and brackish habitats and hypersaline pools