

Mastogloia crucicula (Grunow) Cleve, *Kongl. Svenska Vetensk.-Akad. Handl.*, ser. 2, 27(3): 148 (1895)

Orthoneis crucicula Grunow, *Monthly Microscop. J.* 18: 177, pl. 195, fig. 8 (1877)

Type locality: Honduras

Australian distribution: Qld (Capricorn Coast), W.A. (Shark Bay)

References: 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: Honduras, Gulf of Mexico, Caribbean Sea, U.S.A. (Florida), Mediterranean Sea (Italy), Albania, SE India, Thailand, East China Sea

Note: In marine habitats and hypersaline pools