

Caloneis liber (W.Sm.) Cleve

Kongl. Svenska Vetensk.-Akad. Handl., ser. 2, 26: 54 (1894)

Navicula liber W.Sm., *Syn. Brit. Diatomaceae* 1: 48, pl. 16, fig. 133 (1853)

Type locality: Great Britain

Australian distribution: N.S.W. (Lake Macquarie, Merimbula), W.A. (Perth)

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)

J.John, The diatom flora of the Swan River Estuary, Western Australia, *Biblioth. Phycol.* 64: 1–358 (1983)

Extra-Australian distribution: Mexico (Baja California), Gulf of Mexico, Caribbean Sea, U.S.A. (Great Lakes), Canada (Nunavut), Canary Islands, Azores, British Isles, Spain, Romania, Black Sea, Persian Gulf, SW India, New Zealand, Pacific Ocean

Note: Usually in brackish and marine habitats