

Biddulphia mobiliensis (Bailey) Grunow

in Van Heurck, *Syn. Diatom. Belgique*, Atlas, pl. 101, figs 4–6 (1882)

Zygoceros (Denticella) mobiliensis Bailey, *Smithsonian Contrib. Knowl.* 2(8): 40, pl. 2, figs 34–35 (1851)

Type locality: U.S.A. (Alabama)

Australian distribution: N & NW Australia, Coral Sea, Qld (Thursday Island, Moreton Bay), N.S.W. (Port Jackson, Port Hacking), W.A. (Broome)

References: L.H.Crosby & E.J.F.Wood, Studies on Australian and New Zealand diatoms. I. Planktonic and allied species, *Trans. & Proc. Roy. Soc. New Zealand* 85: 483–530 (1958)

G.M.Hallegraeff & S.W.Jeffrey, Tropical phytoplankton species and pigments of continental shelf waters of north and north-west Australia, *Mar. Ecol. Prog. Ser.* 20: 59–74 (1984)

Extra-Australian distribution: Caribbean Sea, U.S.A. (California, Alabama, Florida), Canada (New Brunswick), British Isles, North Sea, Baltic Sea, Spain, Portugal, Persian Gulf, W Pacific Ocean, New Zealand