

Guinardia flaccida (Castrac.) H.Perag.

Diatomiste 1: 107, pl. 1, figs 3–5 (1892)

Rhizosolenia flaccida Castrac., *Rep. Sci. Res. Voy. H.M.S.Challenger 1873–1876*, Bot., 2: 74, pl. 29, fig. 4 (1886)

Type locality: Southern Ocean?

Australian distribution: N & NW Australia, Qld (Torres Str., E coast), N.S.W. (North Coast, Central Coast, South Coast), East Australian Current, Vic., Tas. (Bass Str.), S.A. (Gulf St. Vincent), W.A. (Perth to 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)

N.Revelante & M.Gilmartin, Characteristics of the microplankton and nanoplankton communities of an Australian coastal plain estuary, *Austral. J. Mar. Freshw. Res.* 29: 9–18 (1978)

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)

I.Jameson & G.M.Hallegraeff, Planktonic diatoms, *Algae of Australia: Phytoplankton of Temperate Coastal Waters* 25 (2010)

Extra-Australian distribution: Gulf of Mexico, U.S.A. (E coast), Canada (Nova Scotia), North Atlantic Ocean, British Isles, North Sea, Baltic Sea, Bay of Biscay, Spain, Portugal, Canary Islands, West Africa, Pacific Ocean, New Zealand, Southern Ocean