

**Melosira moniliformis** (O.F.Müll.) C.Agardh

*Syst. Alg.* 8 (1824)

*Conferva moniliformis* O.F.Müll., *Kongl. Svenska Vetensk.-Akad. Handl.* 4: 83, pl. 3, figs 1–5 (1783)

*Type locality:* Baltic Sea (?)

*Australian distribution:* Qld, N.S.W. (Sydney), Vic. (Lakes Entrance), Tas. (Ralphs Bay, River Derwent), W.A. (Perth )

*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.Foged, Diatoms in eastern Australia, *Biblioth. Phycol.* 41: 1–243 (1978)

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)

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

K.Saunders, C.Lane, S.Cook, A.McMinn & G.M.Hallegraeff, Benthic diatoms, *Algae of Australia: Phytoplankton of Temperate Coastal Waters* 129 (2010)

*Extra-Australian distribution:* Gulf of Mexico, U.S.A. (NW and E coasts), Canada, British Isles, North Sea, Baltic Sea, Barents Sea, Arctic Ocean, near North Pole (“cf.”), Spain, Black Sea, Aral Sea, West Africa, Japan, Alaska, Bering Sea, Peru, New Zealand, Antarctica

*Note:* Estuarine, marine and hypersaline