

**Aulacoseira granulata** (Ehrenb.) Simonsen var. **granulata**

*Bacillaria* 2: 58 (1979)

*Gaillonella granulata* Ehrenb., *Abh. Königl. Akad. Wiss. Berlin* 1841: 415 (1843), as *Gaillonella*

*Melosira granulata* (Ehrenb.) Ralfs, in Pritchard, *History of the Infusoria, including the Desmidiaceae and Diatomaceae, British and Foreign* 820 (1861)

*Type locality*: Brazil, Canada (Newfoundland)

*Australian distribution*: N.T. (Darwin, Arafura Sea), Qld (Heron Island), N.S.W. (Nepean River), Vic., Tas., S.A., W.A. (Perth)

*References*: E.J.F.Wood, L.H.Crosby & V.Cassie, Studies on Australian and New Zealand diatoms. III. Descriptions of further discoid species, *Trans. & Proc. Roy. Soc. New Zealand* 87: 211–219 (1959)

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

G.Hotzel & R.Croome, Population dynamics of *Aulacoseira granulata* (Ehr.) Simonson (Bacillariophyceae, Centrales), the dominant alga in the Murray River, Australia, *Archiv Hydrobiol.* 136: 191–215 (1996)

*Extra-Australian distribution*: Argentina, Brazil, Gulf of Mexico, U.S.A. (Florida, Utah), Canada (New Brunswick, Newfoundland), British Isles, North Sea, Baltic Sea, Kara Sea, Spain, Black Sea, China, Japan, Mongolia, New Zealand, Hawaiian Islands

*Note*: A mainly freshwater species