

**Diploneis vacillans** (A.F.W.Schmidt) Cleve var. **vacillans**

*Kongl. Svenska Vetensk.-Akad. Handl.*, ser. 2, 26: 95 (1894)

*Navicula vacillans* A.F.W.Schmidt, in Schmidt *et al.*, *Atlas der Diatomaceen-kunde*, Ser. 1, 2: pl. 8, fig. 61 (1875)

*Type locality*: "Cap" [Cape Town, South Africa]

*Australian distribution*: Qld, N.S.W. (Lake Conjola), Vic., W.A. (Perth)

*References*: L.H.Crosby & E.J.F.Wood, Studies on Australian and New Zealand diatoms. II. Normally eponitic and benthic genera, *Trans. & Proc. Roy. Soc. New Zealand* 86: 1–58 (1959)

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

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

*Extra-Australian distribution*: S and NE Brazil, Mexico (Baja California), Gulf of Mexico, Caribbean Sea, British Isles, North Sea, Baltic Sea, Adriatic Sea, Black Sea, Cape Verde Islands, East Africa (Lake Tanganyika), South Africa

*Note*: In brackish water and marine habitats