

Pseudonitzschia subpacific (Hasle) Hasle

Beih. Nova Hedwigia 106: 320 (1993)

Nitzschia subpacific Hasle, *Skr. Norske Vidensk.-Akad. Oslo, Math.-Naturvidensk. Kl.*, n. ser., 18: 20, pl. 1, figs 9–10; pl. 8, figs 4, 5; pl. 10, figs 1–8 (1965)

Type locality: NW African waters (17°45'N, 16°30'W)

Pseudonitzschia heimii Manguin, *Ann. Sci. Nat., Bot.*, sér. 12, 1: 332, pl. 19, figs 223, 224a, b (1960); Australian records

Nitzschia pseudoseriata Hasle, *Skr. Norske Vidensk.-Akad. Oslo, Math.-Naturvidensk. Kl.*, n. ser., 18: 11, pl. 4, figs 3,4; pl. 5, figs 1–6; pl. 6, fig. 1 (1965); Australian records

Nitzschia pacifica Cupp, *Bull. Scripps Inst. Oceanogr.* 5: 204, fig. 157 (1943); Australian records?

Australian distribution: N & NW Australia, East Australian Current, N.S.W. (Port Hacking), Tas. (Derwent River)

References: 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)

G.M.Hallegraeff, Species of the diatom genus *Pseudo-nitzschia* in Australian waters, *Bot. Mar.* 37: 397–411 (1994)

F.J.Scott & D.P.Thomas, Diatoms, *Antarctic Marine Protists* 13–201 (2005)

I.Jameson & G.M.Hallegraeff, Planktonic diatoms, *Algae of Australia: Phytoplankton of Temperate Coastal Waters* 66 (2010)

Extra-Australian distribution: Gulf of Mexico, Gulf of Panama, U.S.A. (California, Washington, NE coast), Canada (Bay of Fundy), Ireland, Spain, Portugal, NW Africa, SE Atlantic Ocean, Indian Ocean, South China Sea, Central and South Pacific Ocean, New Zealand