

**Protoperidinium punctulatum** (Paulsen) Balech

*Revta Mus. Argent. Cienc. Nat. "Bernardino Rivadavia" (Hidrobiol.)* 4: 58 (1974)

*Peridinium punctulatum* Paulsen, *Meddel. Komm. Havundersøg., Ser. Plankton* 1(5): 19, fig. 28 (1907)

*Type locality:* North Sea (Denmark)

*Australian distribution:* Qld (Moreton Bay) to N.S.W. (Port Hacking & cysts), Vic. (Port Phillip Bay & cysts), Tas. (cysts), W.A. (Israelite Bay, Albany)

*Extra-Australian distribution:* Gulf of Mexico, Caribbean Sea, U.S.A. (Virginia), North Atlantic Ocean, British Isles, North Sea (Denmark), Baltic Sea, Mediterranean Sea (Morocco, Turkey), Black Sea, Japan, South Korea, far-eastern Russia, Peru, Mexico (Pacific coast)

*References:* E.J.F.Wood, Dinoflagellates in the Australian region, *Austral. J. Mar. Freshw. Res.* 5: 171–351 (1954)

C.J.Bolch & G.M.Hallegraeff, Dinoflagellate cysts from Recent marine sediments of Tasmania, Australia, *Bot. Mar.* 33: 173–192 (1990)

J.A.Sonneman & D.R.A.Hill, A taxonomic survey of cyst-producing dino-flagellates from the coastal waters of Victoria, Australia, *Bot. Mar.* 40: 149–177 (1997)

A.McMinn, C.J.S.Bolch, M.F. de Salas & G.M.Hallegraeff, Recent dinoflagellate cysts, *Algae of Australia: Phytoplankton of Temperate Coastal Waters* 260–292 (2010)