

Pyrocystis hamulus Cleve var. **semicircularis** Schröd.

Vierteljahr. Naturf. Ges. Zürich 51: 371, fig. 45 (1906)

Type locality: Japan

Australian distribution: Qld (Sandy Cape) to N.S.W. (Port Hacking), Tasman Sea, eastern Bass Str.

Extra-Australian distribution: Brazil, South Atlantic Ocean, Gulf of Mexico, Canary Islands, Atlantic Ocean, British Isles, North Sea, Mediterranean Sea (Turkey), Black Sea, Arabian Sea, Indian Ocean, China, Japan

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