

Trypostega henrychaneyi Tilbrook, 2006, p.110, pl.19D-F.

Trypostega henrychaneyi new species
Plate 19D-F

Trypostega venusta: Hamner, 1957 (part): 953, pl. 73, figs 22, 23; Liu, Yin & Ma, 2001: 538, pl. 36, figs 3,4.

Type material Holotype: NHM 2003.10.13.8, Solomon Islands (no loc.).

Other material examined SBMNH 365252, **403-84**; SBMNH 365253, **406-84**; SBMNH 365254, **411-84**; SBMNH 365255, **408-84**; NHM 1998.6.18.13, Holborn Island, Port Denison, Queensland; NHM 1998.6.18.14, Torres Strait; NHM 1999.4.11.12, Cleveland Bay, Great Barrier Reef; NHM 2003.10.13.9, Korolevu, Fiji; NHM 1998.6.18.12, Lifu, Loyalty Islands, Willey Coll.; NHM 1882.2.23.79, Prince of Wales Channel, Torres Strait, 13 m; NHM 2003.10.13.10, (71.A/1030) "Siboga" Station 99, N. Ubian, Sulu Archipelago, 16-23m; NHM 2004.6.2.1, (130.L/1031) "Siboga" Station 164, W. end of New Guinea, 32m; NHM 2003.10.13.11, (399.H¹⁻³/1032) "Siboga" Station 164, W. end of New Guinea, 32m; NHM 2003.10.13.12, Omoa, Fata Hiva, Marquesas Islands, 27 m; NHM 2004.6.2.2, (9.A^{1&2}/1009), Hurghada (Ghardaqa), Red Sea, Crossland Coll.; NHM 2004.6.2.3, (9.D/1010), Hurghada (Ghardaqa), Red Sea, Crossland Coll.; NHM 1929.4.26.114, Jicaron Islands, Panama.

Description Colony forming broad, thin sheets. Autozooids diamond-shaped to irregularly polygonal in shape (0.45–0.50 x 0.25–0.30 mm), slightly convex, separated by shallow grooves. Frontal shield smooth, perforated by numerous (80–100) evenly spaced, small round pores. Orifice pear-shaped, longer than wide (0.08 x 0.06 mm), deep, orbicular anter, poster deep, narrow, cup-shaped, condyles short, triangular proximally directed. Ovicell prominent perforated as frontal shield, oval, longer than wide, a slightly raised median lobe, orifice of ovicellate zooids as wide as long. Zoeciules distal to all autozooids and ovicells, calcification similar to autozooids, orifice small, anter deep, poster shallow, mandible rounded.

Etymology Named for Henry Chaney, who collected most of the Solomon Island Bryozoa in this study.

Remarks *Trypostega henrychaneyi* is characterised by its pear-shaped primary orifice, with narrow, cup-shaped poster, and the number of frontal pores.

The narrow, cup-shaped poster of *Trypostega henrychaneyi* is far deeper and narrower than *T. dorothisouleae*, *T. johnsoulei*, *T. venusta* or *T. maculata*. *T. henrychaneyi* also has more frontal pores than any of these species, other than *T. dorothisouleae*.

Distribution *Trypostega henrychaneyi* has been found throughout the tropical Pacific Ocean, from the Jicaron Islands, off Panama, to the Marquesas Islands, Fiji and the Loyalty Islands, westwards to Queensland and the Great Barrier Reef, Torres Strait, New Guinea, Sulu Archipelago, South China Sea, to the Red Sea. In the Solomon Islands this species was found at Taora Passage, between Choiseul and Vealaviru, and from three collecting stations in the Russell Islands.

