

HOLOTYPE. The holotype is number H1 in the collection of the National Museum of Victoria, Melbourne, Australia. Dimensions of the Holotype: Total length, 30 mm, greatest diameter, 7 mm.

MATERIAL EXAMINED. Garden Cove, Macquarie Island, at low tide level, among sea anemones, one specimen. Collected by J. Hope Macpherson, 26.12.1959.

DISCUSSION. The present species appears to be rather closely related to *T. bollonsi* (Mortensen), which is known from six specimens taken from off Cape Maria van Diemen in the northernmost part of New Zealand (Mortensen, 1925). *T. bollonsi* and *T. macphersonae* are similar in external appearances, although Mortensen (1925) notes that *T. bollonsi* is “. . . blackish on the dorsal side, otherwise white. The young ones are white”. Differences in spiculation between the two species serve to distinguish them readily. In *T. bollonsi* the buttons are scattered and not overlapping as they are in *T. macphersonae*. The well-developed cups in *T. macphersoni* are paralleled by rudimentary cups in *T. bollonsi*.

T. parva (Ludwig) is also similar to *T. macphersonae* in some respects, but the buttons in *T. parva* are larger and more massive, and the ventral tube-feet are not confined to the radii. *T. parva* is essentially a southern species, and it may well be that these three species were derived from some common source, speciating as a result of their isolation from each other.

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LITERATURE CITED

MORTENSEN, TH., 1925. *Vidensk. Medd. dansk. naturh. Foren.*, 79, p. 345.

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