

Note on *Hydroides malleolaspinus* from the Kimberleys of Western Australia (Polychaeta: Serpulidae)

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ABSTRACT. Pillai (2009) described a series of specimens from the Kimberley area, Western Australia, considered them to belong to an unknown species and proposed the name “*Hydroides trihamulatus*” for them. In error, no type material was designated, so the name is unavailable. After reexamination of the same specimens, as well as the holotype of *Hydroides malleolaspinus* Straughan, 1967, we found that the specimens correspond to this latter species.

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Pillai (2009: 131–134) described a new species for which no types were designated (“*Hydroides trihamulatus*”). Because of this error the name is unavailable. Initially we thought to correct this by reexamining the same specimens, nominating type material, and describing them as a new species. However, as *Hydroides malleolaspinus* Straughan, 1967, was considered to be most similar to “*H. trihamulatus*” (see Pillai’s remarks on p.132), we also examined that holotype and other specimens identified by Straughan as *H. malleolaspinus*. We then discovered features on the holotype of *H. malleolaspinus* that were not included in Straughan’s original description, and which Pillai (2009) used as distinguishing characters separating the two species. We herein expand the description of *Hydroides malleolaspinus* Straughan, 1967, to include these characters.

Genus *Hydroides* Gunnerus, 1768

Type species. *Hydroides norvegica* Gunnerus, 1768.

Diagnosis. See Pillai (2009), and ten Hove & Kupriyanova (2009).

Hydroides malleolaspinus Straughan, 1967

Fig. 1A–B

Hydroides malleolaspina Straughan, 1967:222–224, figs. 7a–f.
“*Hydroides trihamulatus*” Pillai, 2009: 131–134, figs. 24A–G,
25A–C, 26A–L (name unavailable, types not designated).

Material examined. Holotype of *Hydroides malleolaspinus* Straughan, 1967, AM W3999, coll. from Pialba, Queensland, 25°16'44"S 152°50'32"E, June 1962 by G. McKeon. AM W3996 (1) identified by D. Straughan, from Shoal Point, Mackay, Queensland, coll. 7 Aug 1964, by I. Straughan. AM W4109 (1) identified by D. Straughan, from Heron Island, Queensland, coll. 1955 by B. Dew.

“*Hydroides trihamulatus*”: AM W202944 (5 specimens, all incomplete and only one with operculum present, removed from tubes, one posterior end also in vial), from Kimberley area, Western Australia, from sand cay on Port George IV, 15°20'S 124°39'E, St. 26, coll. 12 July 1988, by dredge. AM W21412 (5 specimens, of which two are anterior ends only and lack tubes, one is juvenile, incomplete posteriorly but possesses a tube, and one consists of radiolar crown of one side only), from Kimberley area, Western Australia, from sand cay on Port George IV, 15°20'S 124°39'E, St. 26, coll. 12 July 1988, by dredge. AM W202939 (1 radiolar crown from one side only, plus operculum), from sand cay on Port George IV, 15°20'S 124°39'E, 12 July 1988, St. 26. AM W202943 (1 adult specimen lacking tube), from reef north west of Buffon Island, 14°55'S 124°48'E, 12 July 1988, St. 85.

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