



## Review of *Amaeana* Hartman, 1959 (Annelida, Terebelliformia, Polycirridae), with descriptions of seven new species

JOÃO MIGUEL DE MATOS NOGUEIRA<sup>1</sup>, ORLEMIR CARRERETTE<sup>1</sup> & PAT HUTCHINGS<sup>2</sup>

<sup>1</sup>Laboratório de Poliquetologia (LaPol), Departamento de Zoologia, Instituto de Biociências, Universidade de São Paulo, Rua do Matão, travessa 14, n. 101, 05508–090, São Paulo, SP, Brazil.

<sup>2</sup>Australian Museum Research Institute, The Australian Museum, 6 College Street, 2010, New South Wales, Australia.

Corresponding author: João M. M. Nogueira, email: [nogueira@ib.usp.br](mailto:nogueira@ib.usp.br)

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### Abstract

Prior to the present study, seven species of *Amaeana* were known, *A. accraensis* (Augener, 1918), *A. antipoda* (Augener, 1926), *A. apheles* (Hutchings, 1974), *A. colei* (McIntosh, 1926), *A. occidentalis* (Hartman, 1944), *A. trilobata* (Sars, 1863), which is the type-species, and *A. yirrarn* Hutchings, 1997. Except for *A. colei* and *A. antipoda*, for which types could not be located, type material or material from the type localities of all these species was examined and re-descriptions are provided; also, a lectotype is designated for *A. trilobata*, while *A. colei* and *A. antipoda* are considered as *nomen nuda*. In addition, seven new species are described, one from Brazil, *A. brasiliensis* **sp. nov.**, another from Taiwan, *A. hsiehae* **sp. nov.**, and five from Australia, *A. angulus* **sp. nov.**, *A. breviachaeta* **sp. nov.**, *A. crassispinulata* **sp. nov.**, *A. dampierensis* **sp. nov.**, and *A. ellobophora* **sp. nov.** A discussion on the most important characters to distinguish between the species of *Amaeana* is provided, together with a comparative table and a key to all currently known species.

**Key words:** Polychaeta, taxonomy, morphology