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A revision of the lysianassid genus *Waldeckia* with the description of four new species (Crustacea, Amphipoda, Lysianassidae, Waldeckiinae subfam. nov.)

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Abstract

Waldeckia Chevreux is a genus of scavenging lysianassoid amphipods with distribution records from Antarctica, Australia, Thailand, Indonesia, Singapore, the Philippines, Vietnam, China and Japan. The genus is revised and diagnosed against all other genera of the Lysianassidae and the subfamily Waldeckiinae is established. All known species are redescribed and a key is provided. Three new species of *Waldeckia* (*W. dempseyae* **sp. nov.**, *W. tangaroa* **sp. nov.**, *W. warreen* **sp. nov.**) are described from Australian waters, and one (*W. selayarensis* **sp. nov.**) from Indonesia and Australia. *Waldeckia crenulata* Pirlot, 1936, from the Philippines and Indonesia, is described in detail for the first time. *Waldeckia chevreuxi* Stebbing, 1910 is placed in the synonymy of *W. nitens*, and *W. elephas* is placed in the synonymy of *W. nudum*. *Orchomene orchospina* Hirayama, 1986 and *O. tomiokaensis* Hirayama, 1986 are transferred to *Waldeckia*. *Waldeckia scrupulosa* Mateus & Mateus, 1986 cannot be placed in a genus based on the original description. This revision brings the number of species in the genus to 14.

Key words: Crustacea, Amphipoda, Lysianassidae, *Waldeckia*, taxonomy, new species, Australia

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