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New littoral, shelf, and bathyal Paratanaidae (Crustacea: Peracarida: Tanaidacea) from New Zealand, with descriptions of three new genera

GRAHAM J. BIRD¹ & ROGER N. BAMBER²

8 Shotover Grove, Waikanae, Kāpiti, 5036, New Zealand. E-mail: zeuxo@clear.net.nz

*²ARTOO Marine Biology Consultants LLP, Ocean Quay Marina, Belvidere Road, Southampton, SO14 5QY, United Kingdom.
E-mail: roger.bamber@artoo.co.uk*



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Abstract

Three new genera, *Acallocheirus*, *Aparatanais*, and *Penteparatanais*, and seven new species of the paratanaid subfamily Paratanaidinae are described from New Zealand. New records of three previously known species *Atemtanais taikaha*, *Paratanais paraoa*, and *P. tara*, are also given. *Paratanais denticulatus*, *P. intermedius*, *P. malignus*, *P. spinanotandus*, and *P. vicentetis* are transferred to *Aparatanais*. A key is given to all paratanaid genera and the NZ *Paratanais* species. In NZ waters, paratanaids are now known from the littoral zone to 908 m in the bathyal regions of the Chatham Rise and Hikurangi Margin, several of the offshore species being recorded in bryozoan mats. All but one appear to be endemic but may have sibling species elsewhere, particularly in the Southern Hemisphere. Supplementary notes are given on two Australian species *P. maleficus* and *P. perturbatius* that clarify their description and diagnostic characters.

Key words: Tanaidacea, Paratanaidae, Paratanaidinae, *Acallocheirus*, *Aparatanais*, *Atemtanais*, *Paratanais*, *Penteparatanais*, bryozoans, cold-vents, deep-sea, taxonomy, Mana BioBlitz, Australia, Chatham Rise, Challenger Plateau, Tasman Sea, New Zealand