

## Southern High Latitude Squat Lobsters: Galatheoidea and Chirostyloidea from Macquarie Ridge with Description of a New Species of *Uroptychus*

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**ABSTRACT.** Macquarie Ridge is one of the southernmost seamount ridges, spanning 1600 kilometres from the southern tip of New Zealand to the Australia-Pacific-Antarctic triple junction halfway to Antarctica. Squat lobsters, superfamilies Chirostyloidea and Galatheoidea, are highly diverse at low and mid-latitudes, declining rapidly towards the poles; only 15 of the more than 1000 species have been recorded south of 50°S. Prior to the present study, one species of squat lobster (*Munidopsis pyrochela*, Munidopsidae) was known from the Macquarie Ridge, but recent research voyages in 2003 and 2008 collected a further five species from both superfamilies and three families. *Uroptychus tracey* (Chirostyliidae) is new to science. *Uroptychus insignis* (Henderson, 1885) is reported for the first time outside of the western Indian Ocean and re-described based on type material. Subtle differences between the western Indian Ocean and Macquarie Ridge specimens of *U. insignis* suggest that the latter specimens might represent a separate species. *Munida chathamensis* Baba, 1974 (Munididae) is re-described and reported for the first time outside of its Chatham Rise type locality. New morphological variation is reported for *Munida isos*. *Munidopsis tasmaniae* is reported not only for the first time from the Macquarie Ridge, but also for the first time from New Zealand waters.

**KEYWORDS.** Anomura, Galatheoidea, Chirostyloidea, New Zealand, Macquarie Ridge, Southern Ocean, seamount

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