

**ONYCOCARIS ANOMALA SP. NOV.,  
A NEW PONTONIINE SHRIMP  
FROM THE NORTHERN TERRITORY,  
AUSTRALIA.**

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SUMMARY

A new species of pontoniine shrimp, *Onycocaris anomala* sp. nov., from Port Darwin, Australia, is described and illustrated. The specimens are incomplete but the morphological features of systematic value can be discerned. The specimens, probably associates of sponges, are most closely related to the incompletely known *Typton dentatus* Fujino and Miyake, particularly on account of the characteristic morphology of the endites of the maxilla and first maxilliped, and it is considered probable that further material of *T. dentatus* may indicate that a new genus is necessary for the inclusion of these two species, which are atypical of both *Onycocaris* Nobili and *Typton* Costa, as at present defined.

INTRODUCTION

Through the kindness of Ms. D.E. Brown, it has been possible to examine some pontoniine shrimps from the collections of the Australian Museum, collected in 1929 by A.A. Livingstone from Port Darwin. The detailed examination of these specimens presented several features of unusual interest, preventing an easy assessment of their generic position. The specimens show features found in aberrant species of the genera *Onycocaris* Nobili and *Typton* Costa, both associates of sponges. Typical species of these genera present no problems in identification. In 1969 Fujino and Miyake described *Typton dentatus* from the Ryukyu Islands. This species shows marked resemblances to the present specimens, particularly in the form of the mouthparts, which are atypical for both the genera *Onycocaris* and *Typton*. The two specimens of *T. dentatus* were unfortunately incomplete, and lacked all second pereopods. The second pereopods of the Darwin specimens show some features that are not known in previously described species of *Onycocaris* but are found in some species of *Typton*.

SYSTEMATICS

***Onycocaris anomala* sp. nov.**

MATERIAL EXAMINED. (i) 2 ovigerous ♀♀, between North and South Shell Islands, Port Darwin, Northern Australia, dredged 3-7 fms, 15 July 1929, coll. A. A. Livingstone. AM reg. no. P. 24994.

(ii) 1 ovigerous ♀, as above. AM reg. no. P. 24993.