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New Pycnogonida from Queensland

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Abstract

Two new species of pycnogonid are described; *Endeis straughani* n.sp. from Townsville and *Anoplodactylus minusculus* n.sp. from the Brisbane River. A third specimen of *Rhopalorhynchus clavipes* Carpenter is recorded.

INTRODUCTION

THE two new pycnogonids described here were collected by Dr I. M. Straughan, University College of Townsville, during fouling surveys. That the only pycnogonids encountered should prove new to science further supports my earlier contention (Clark, 1963) that the pycnogonid fauna of Australia is still largely unknown. Further support for this view may be deduced from the dubious taxonomic status of *Rhopalorhynchus clavipes* Carpenter, 1893, the third species mentioned in this paper.

Except as noted, all material has been deposited in the Australian Museum, Sydney.

Family ENDEIDAE Norman, 1908

Endeis straughani n.sp. Figs. 1-8.

Phoxichilus (?) *charybdaeus* Haswell *nec* Dohrn, Haswell, 1885, p. 1033.

MATERIAL: One male (holotype) Northern Electrical Authority Powerhouse, Ross Creek, Townsville, Queensland, coll. I. M. Straughan, January 31, 1967. Two females (one is the allotype), same locality and collector, September 6, 1966. One female, three juvenile males, two males (one ovigerous) same data as above, September 1, 1966. (Deposited in Zoology Department, University College of Townsville.) One ovigerous male, one female, 17 juveniles, same data as above collected between March 7-20, 1967.

DESCRIPTION: Trunk robust, all segments distinct, lateral processes separated by their own width. Lateral processes may bear one or two small dorsal eminences near their distal ends. Development of such eminences very variable, not being constant even between left and right sides of one animal. Eminences may, or may not bear a single small spinule. Remainder of trunk smooth. Cephalon with a distinct "collar" of two parts above the proboscis base. Ocular tubercle in centre of cephalon; height a little greater than diameter at base; cylindrical up to level of eyes, conical above this point, tip bluntly rounded. Abdomen short, sparsely spinose near tip, usually erect, but may tend towards the horizontal. Proboscis with double constriction typical of the genus, sparsely setose near tip.

Chelifores and palps absent in both sexes.

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