

***Periclimenes manihine* sp. nov., a new pontoniine shrimp of the  
*P. alcocki* species group (Crustacea: Decapoda: Palaemonidae)**

A.J. BRUCE

Crustacea Section, Queensland Museum, P. O. Box 3300, South Brisbane, Queensland, Australia 4101.

**Abstract**

A new species of pontoniine shrimp, *Periclimenes manihine*, is described and illustrated. It is a member of the little known deep-water *Periclimenes alcocki* species group. Collected from Kenyan waters, from about 250 m, it is the shallowest depth from which species of this group have been recorded.

**Key words:** Crustacea, Decapoda, Caridea, Pontoniinae, *Periclimenes manihine* sp. nov., Kenya, Indian Ocean, taxonomy

**Introduction**

The East African Marine Fisheries Research Organization (E.A.M.F.R.O.) carried out extensive surveys of the benthic marine fauna of the western Indian Ocean from Aden to Madagascar and east to the Seychelle Islands, based on the operations of the R.V. *Manihine*. Numerous deep water Agassiz trawl samples were collected and on one occasion in 1971 three specimens of the pontoniine shrimp genus *Periclimenes* were collected which could not be identified with any then described species (Bruce, 1976). Since then a number of deep water species of *Periclimenes* have been described and the deep water species were reviewed by Bruce (1991), but no further samples of this taxon have been reported. A description and illustrations of the species are now provided.

Abbreviations used:

- CL      postorbital carapace length.  
QM      Queensland Museum, Brisbane.  
RMNH   National Natural History Museum-Naturalis, Leiden.