

The Genus *Chlorinoides* (Crustacea, Brachyura, Majidae). 2. *Chlorinoides goldsbroughi* Rathbun from Eastern Australia, *C. tenuirostris* Haswell and a New Species from Western Australia

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Figures 1-4

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ABSTRACT

Chlorinoides goldsbroughi Rathbun, previously known from Hawaii, is recorded formally for the first time from eastern Australia near Sydney in 70-125 fms. A new species of the genus, superficially similar to *C. goldsbroughi*, is recorded from off Western Australia between Geraldton and Rottnest Island near Perth in 62-103 fms. The known geographic range of *C. tenuirostris* is extended from northeastern Australia to Western Australia near Pt Cloates. *C. goldsbroughi* and the new species are described and figured.

INTRODUCTION

The Indo-west Pacific spider crabs of the genus *Chlorinoides* Haswell were reviewed in detail by Griffin (1966a), a key to the species was provided, and the type species, *C. tenuirostris* Haswell, was redescribed and figured. A key to the Australian and New Zealand species was provided by Griffin (1966b) and to the Australian species only by Griffin (1966c). Sakai (1965) has illustrated most of the Japanese species and Serene (pers. comm.) has recently studied some others.

From 1961 through 1965 the Australian CSIRO Division of Fisheries and Oceanography carried out surveys off New South Wales on benthic invertebrates (led by Dr R. J. MacIntyre) and, in co-operation with the Western Australian Department of Fisheries and Fauna, off Western Australia on the Western Crayfish (led by Dr R. G. Chittleborough). In Western Australia Drs R. W. George and B. R. Wilson, of the Western Australian Museum, have also carried out investigations into the benthic invertebrate fauna. The results of these surveys have included the finding of *Chlorinoides goldsbroughi* Rathbun, previously known only from Hawaii (Rathbun 1906), off New South Wales, and of a new species superficially similar to this off Western Australia. In addition, *C. tenuirostris*, formerly known in Australia from northern Queensland, has also been found off Western Australia.

In this paper *C. goldsbroughi* is redescribed, the new species is described, and further notes are given on *C. tenuirostris*. Terminology follows that used by Griffin (1966a). The system of measurements is as explained previously (Griffin, 1966b) and the measurements were made to the nearest 0.1 mm with dial calipers; unless otherwise stated, dimensions given are carapace length (including rostrum). Drawings were completed with the aid of a camera lucida. All material is in the collections of the Australian Museum, Sydney (AM) or the Western Australian Museum (WAM); the number following the abbreviation of the institution is the registration number of the specimens.