

The *Endeavour* and Other Australian Museum Collections of Portunid Crabs (Crustacea, Decapoda, Portunidae)

By W. STEPHENSON and MAY REES

Department of Zoology, University of Queensland, Brisbane

Plate 43. Figure 1.

Manuscript received, 26th September, 1967

SUMMARY

Portunids collected in 1909–1914 by the Fishery Investigation Ship *Endeavour*, held in the Australian Museum and not previously reported upon, are listed. Additional material collected by the *Endeavour* and held in the Mortensen collection, Zoologiske Museum, Copenhagen, is also listed. Specimens include a new State record of *Nectocarcinus spinifrons* Stephenson.

Two new species of *Caphyra* are described, *C. curtipes* n.sp. and *C. holocarinata* n.sp., and a third species is recognized as new, *C. carinata* nom. nov. Colour notes are given on *Charybdis yaldwyni*.

Caphyra unidentata is added to the Australian fauna, and new State records are given for *Macropipus corrugatus*, *Caphyra yookadai*, *Portunus pseudoargentatus*, *Thalamita crenata*, and *T. parvidens*. The distributions of *Charybdis truncata* and *Portunus orbitosinus* on the eastern Australian coast are extended. *Portunus gladiator* is recorded from Ceylon.

INTRODUCTION

This paper has two main aims: (a) completion of the recording of portunids collected by the Fishery Investigation Ship *Endeavour* and (b) the recording of interesting additions to the collections of the Australian Museum. For the sake of completeness two interesting specimens in the collections of the Queensland Museum are also included.

The majority of the portunids collected by the F.I.S. *Endeavour* during the years 1909–1914 and held by the Australian Museum have been reported upon by Rathbun (1923). Most of the remainder had been available to her and bore her preliminary identifications, although they were not referred to by her or by later workers (Stephenson and Hudson, 1957; Stephenson, Hudson, and Campbell, 1957; Stephenson and Campbell, 1959, 1960; Stephenson, 1961; Rees and Stephenson, 1966). Through the kindness of Dr D. J. G. Griffin, some additional *Endeavour* material held by the Zoologiske Museum, Copenhagen, and now under study by him with the Australian Brachyura collected by Dr Th. Mortensen and by the *Galathea* Expedition, has been made available to us. This remaining *Endeavour* material is reported on in the present work and in Stephenson and Rees (1968). These studies now hopefully complete the reporting of the *Endeavour* portunids. The status of *Charybdis incisa* Rathbun, 1923, from the *Endeavour* collections, is discussed by Stephenson, Hudson, and Campbell (1957, p. 502) and by Rees and Stephenson (1966, pp. 31–2), but Rathbun's other records from the 1923 report (with the exception of a *Nectocarcinus* specimen discussed below) stand unaltered. Included in the *Endeavour* collections is an interesting new record of another species of *Nectocarcinus* *N. spinifrons* Stephenson.