

MOLLUSCA FROM THE CONTINENTAL SHELF
OF EASTERN AUSTRALIA.

No. 2.

By

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(Plates xxxviii-xli.)

In continuation of a paper published under the above title in these Records¹ I offer descriptions of some more interesting forms.

Since the former paper was published little addition was made to our knowledge until quite recently, but now an old shell collector from Scotland in the person of Mr. Herbert Howell, well known in the annals of the molluscan history of Great Britain through his activities in securing rare specimens while engaged in the trawling industry off Aberdeen, has joined the trawling industry here. His interest was revived by the novelty of our fauna, and he has already made a very valuable addition to the larger faunula, and we can anticipate still more striking finds in the future; all of the species here discussed have been brought in by him.

Probably many of the species here introduced will later be found to be closely related to the fossils of the Muddy Creek and Table Cape beds. It would be a delightful study to correlate the recent and fossil species of Australia, as Finlay and Marwick are doing in connection with Neozelanic forms. In the present paper the *Glycymeris*, *Conus*, *Xenotrophon* and *Mathildona*, all of novel aspect as regards the recent fauna, appear to represent fossil types, and their exact relationship might be ascertained were long series of the fossils available.

The beautiful illustrations accompanying this article have been prepared by Miss J. K. Allan, of this Museum, and my thanks are herewith tendered for the exact representations, which cannot be surpassed; the photographs have been taken by Mr. G. C. Clutton, also of this Museum, and again thanks must be offered for the skilful portraiture of these difficult subjects.

¹ Iredale.—Rec. Austr. Mus. xiv, 1925, pp. 243-270.