

AUTHOR'S PREFACE.

THE present Part is the first of a Monograph of the Carboniferous and Permo-Carboniferous Invertebrata of New South Wales, contained in the Mining and Geological Museum of the Department of Mines, Sydney. It includes the whole of the Cœlenterata at present existing therein, but a few additional specimens have been obtained from outside sources, and will be suitably acknowledged later on. It is intended to issue the succeeding Parts as time and the state of the Collection will permit.

In the preparation of the descriptions I have frequently taken advantage of the valuable local knowledge and assistance of my colleagues, Mr. C. S. Wilkinson, L.S., &c., the Geological Surveyor-in-Charge, and Mr. T. W. Edgeworth David, B.A., Geological Surveyor.

To Mr. John Waterhouse, M.A., Inspector of Schools, I am under great obligations for the kind manner in which he has always striven to advance the objects of this work, by unreservedly placing his Collection at my disposal, and information at all times kindly supplied.

The Corals herein described have been obtained under the direction of Mr. C. S. Wilkinson, partly by Mr. Charles Cullen, Collector to the Geological Survey, and partly under the supervision of Mr. T. W. E. David, whose Geological Survey of the Maitland District embraces some of the particular coral-bearing beds described in this Memoir; but thanks are also due to the Rev. W. H. Yarrington, M.A., Dr. Morson, Mr. S. Dodds, and Mr. D. A. Porter, for specimens given or lent; whilst the section-cutting has been satisfactorily performed by Mr. Charles Murton, of the Geological Branch. I have also derived great assistance from a collection of Tasmanian *Stenopora*, partly collected by Mr. W. Anderson, Geological Surveyor, and partly supplied by my friend Mr. R. M. Johnson, Government Statist of Tasmania. To my colleague Mr. G. H. Barrow, of the Australian Museum, I am greatly indebted for the patience and skill displayed in the preparation of the original drawings, from which the plates have been heliographed at the Government Printing Office by Mr. A. E. Dyer, under the direction of the Government Printer.

Sydney, March, 1891.

R. ETHERIDGE, JNR.