

# STUDIES ON AUSTRALIAN BRYOZOA.\*

No. 3.

By

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(Plates v-viii, figure, and map)

REPORT UPON THE BRYOZOA COLLECTED ON THE GREAT BARRIER REEF, QUEENSLAND, in 1925, BY W. E. J. PARADICE, LIEUTENANT SURGEON ON H.M.A.S. "GERANIUM."

## INTRODUCTION.

The collection forming the basis of this report was secured on the Great Barrier Reef, Queensland, by Lieutenant Surgeon W. E. J. Paradise, R.A.N., during the survey operations of H.M.A.S. "Geranium." The material is mostly from deep water off various islands, shoals, and reefs mentioned herein. Dredges and rope tangles were used with advantage in certain places, but owing to the coral obstructions much valuable material was undoubtedly missed.

In all twenty-eight species and varieties were taken and this number compares favourably with that secured by previous expeditions to the Great Barrier Reef and north Australia.

Our knowledge of the bryozoa inhabiting the waters of the Torrid Zone is not so far advanced as it is of those forms inhabiting other parts of the globe. This is more apparent when we compare the work done upon the Victorian and New South Wales bryozoa with that on Queensland, Northern Territory, and north west Australian forms. Comparatively speaking our knowledge of tropical species has been compiled only of recent years, earlier papers being few and scattered. Waters<sup>1</sup> has given a helpful list of papers "specially dealing with the tropical forms," and to the number of works on this list the following papers on tropical and subtropical species may well be added, besides numerous papers by Okada and Yanagi in "Annotationes Zoologicae Japonensis" for recent years.—

Waters, A. W., Tubucellaria: its Species and Ovicells. *Journ. Linn. Soc., Zool.*, xxx, 1907, p. 126.

Maplestone, C. M., Polyzoa from the Gilbert Islands. *Proc. Roy. Soc. Vict (n.s.)*, xxi, pt. ii, 1908 (1909), p. 410.

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\*For No. 1, see "Records," vol. xiv, No. 3, p. 189.

<sup>1</sup>Waters—*Journ. Linn. Soc., Zool.*, xxxi, 1909, pp. 124-5.