

# STUDIES ON AUSTRALIAN BRYOZOA.

No. I.

By

ARTHUR A. LIVINGSTONE, Assistant in Zoology, Australian Museum.

(Plates xxiii-xxvi, and Fig. 1.)

Until a few months ago a small fleet of trawlers was maintained by the Government of New South Wales, and the collections of the Australian Museum were greatly enriched by large numbers of specimens of all marine groups which were forwarded to this institution by the State Trawling Industry. Facilities were afforded to various members of the staff to make short cruises in the steamers, and I was fortunate enough to have several opportunities of thus making collections. Among the wealth of specimens obtained, I secured a fine collection of Bryozoa, including a valuable series of the interesting *Parmularia obliqua* var. *lobata* from off Norah Head, and an equally interesting collection of the typical form from off Eden, New South Wales.

I have to acknowledge with thanks much valuable advice and criticism afforded to me by my seniors, Messrs. A. R. McCulloch and F. A. McNeill, of the Australian Museum. I am also indebted to Mr. J. A. Kershaw of the National Museum, Melbourne, for the loan of types of *Schizoporella flabellata* Maplestone, and *Lunulites patelliformis* Maplestone.

The three subjects dealt with under the above heading are separated into three sections, each provided with a separate sub-heading.

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## A REVISION OF THE GENUS PARMULARIA.

Genus PARMULARIA (*Busk, M.S.*) *MacGillivray*.

*Parmularia* MacGillivray, Proc. Roy. Soc. Victoria, xxiii, 1887, p. 211.

“Zoarium foliaceous, bilaminate, attached by a large, flexible radical tube. Zoecia oblique.” (MacGillivray.)

Two species, believed to be undescribed, are included in this hitherto monotypic genus. I have also redescribed the genotype, and have recorded some additional synonymy.