

# STUDIES ON AUSTRALIAN BRYOZOA.

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A CHECK LIST OF THE MARINE BRYOZOA OF QUEENSLAND.

By

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It is intended that this work be considered only as a list of the marine bryozoa inhabiting the coastal waters of Queensland, the Great Barrier Reef, and the outlying islands. No attempt has been made to record full synonymy, though in some cases where a well-known species has been transferred to another genus a note of the fact has been made for clarity. An effort has been made to give the original reference to each genus and species, a reference to a well-known work possessing a good description and figure, and to the author responsible for the record of the species. For additional references no better work than Miss Jelly's catalogue could be consulted. Species with doubtful localities have been omitted.

In regard to specimens named by Busk as new from the collections of the "Rattlesnake" and altered later in the British Museum catalogue, I have considered it advisable to adhere to the names by which the species have been known since 1852. Changing well-established names leads to much confusion, though it is realized that the law of priority was not instituted to be ignored.

Modern ideas of classification have been adopted as far as considered advisable. The splitting up of the genus *Schizoporella* as Canu and Bassler (1917-20) have done, appears to be based in some cases upon characters of a variable nature. It is fully appreciated that radical changes must take place, but, at the same time, it must be borne in mind that such alterations cannot be hastened unduly, and until more has been done upon the group in question I hesitate to adopt the suggested changes in their entirety.

It was upon the advice of the late Mr. Charles Hedley, F.L.S., Director of the Great Barrier Reef Committee, Queensland, that this work was undertaken. Prior to, and during its formation, I received much valuable advice and encouragement from that gentleman, and for his kindness I wish to express my gratitude.