

THE RESULTS OF DEEP-SEA INVESTIGATIONS IN THE  
TASMAN SEA.

I.—THE EXPEDITION OF H.M.C.S. "MINER."<sup>1</sup>

5.—THE POLYZOA.

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(Plates lxxv.-lxxviii.)

I.—INTRODUCTION.

Some time ago I received for examination from Professor W. A. Haswell a very interesting collection of Polyzoa which had been dredged in about eighty fathoms at about twenty-two miles east of Port Jackson, by H.M.C.S. "Miner." Most of the specimens were "dead" and somewhat worn, showing, I consider, that the place from which they were obtained was a resting-place for an accumulation of material carried from a considerable distance by ocean currents. Very few, if any, seem to have been living on the spot.

The collection consisted of some roughly-sorted specimens and a small portion of unsorted material. I was doubtful when I received them whether I could undertake the examination. I am sorry to say that I cannot at present complete the task, but I have been able to deal with the most striking forms.

The *Biporæ* are by far the most interesting of them, of which there are six new species. A detailed description is given of these, and some other new species and one new genus, below.

The known species which I have been able to identify are as follow :—

*Caberea grandis*, Hincks.

*Membranipora gemmata*, Waters.

„ *profunda*, McGil.

„ *bellula*, Hincks.

*Cellaria australis*, McGil.

*Lunutites canaliculata*, McGil.

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<sup>1</sup> Continued from Vol. VI., p. 311.

- Selenaria punctata*, Ten. Woods.  
 „ *maculata*, Busk.  
 „ *concinna*, Ten. Woods  
*Caleschara denticulata*, McGil.  
*Micropora coriacea*, Esper, sp.  
*Cribrilina radiata*, Moll., sp.  
*Microporella ciliata*, Linn., sp.  
*Adeona mucronata*, McGil.  
 „ *parvipuncta*, McGil.  
*Schizoporella flabellata*, Maplestone.  
 „ *cecilii*, Audouin, sp.  
*Bipora angulopora*, Ten. Woods.  
*Smittia reticulata*, McGil.  
*Mucronella praestans*, Hincks.  
*Rhyncopora longirostris*, McGil.  
*Porina gracilis*, Milne Ed., sp.  
*Cellepora fossa*, Haswell, sp.  
*Lagenipora nitens*, McGil.  
*Lekythopora hystrix*, McGil.  
*Idmonea contorta*, Busk.  
*Hornera foliacea*, McGil.  
*Lichenopora holdsworthii*, Busk, sp.

## II.—DESCRIPTIONS OF NEW SPECIES.

### BIPORA BIARMATA, *sp. nov.*

(Plate lxxv., figs. 1a, 1b.)

Zoarium conical, 2 mm. high, 1.5 mm. broad at the base; apex rounded. Zooecia immersed, in directly vertical series. Thyrostome elliptical, 0.1 to 0.15 mm. high; 0.07 to 0.1 mm. broad, elevated above the surface with a deep sinus in the lower lip. Peristome slightly raised. An avicularium on each side of the lower part of the thyrostome, bearing an acute mandible pointing horizontally outwards and having a cross-bar, with a central ligula, near the base. Base of zoarium flat, with uneven surface but with no indication of the position of the zooecia; avicularia similar to those on the front of the zooecia scattered about.

### BIPORA MULTIARMATA, *sp. nov.*

(Plate lxxv., figs. 2a, 2b.)

Zoarium conical, 2.2 mm. high, 1.7 mm. broad at the base. Zooecia immersed, in vertical, but slightly slanting series. Thyrostome 0.1 to 0.15 mm. high; 0.07 to 0.1 broad, raised,