

EXPLANATION OF THE PLATES.

NOTE.—Unless otherwise stated, the figures are of the natural size.

PLATE I.

- | | Page. |
|---|-------|
| <i>Trachypora Wilkinsoni</i> , Eth. fil. | 26 |
| Fig. 1. Portion of a branch showing the distribution of the corallites, and a central abortive branch, x $1\frac{1}{2}$. | |
| Fig. 2. Portion of another branch, in which the septal ridges are better defined, x $1\frac{1}{2}$. | |
| Fig. 3. Small part of a corallum on which the calices open in a contrary direction from opposite ends, x $1\frac{1}{2}$. | |
| Fig. 4. Bifurcating corallum, naturally fractured, showing the corallites in section in the centre of the branches, with tabulae <i>in situ</i> ; the calice mouths around the periphery separated by the highly-thickened walls, x 2. | |
| Fig. 5. Small part of Fig. 4 enlarged four times to show these characters more distinctly, x 4. | |
| Fig. 6. Another stem naturally fractured, x 2. | |
| Fig. 7. A stem partially split with the stellate calices admirably shown at the base, x $2\frac{1}{2}$. | |
| Fig. 8. Portion of a corallum, from which the whole of the calcareous matter has been dissolved, leaving the fluted internal casts of the corallites as inverted cones, connected by cross-bars which are the inorganic infilling of the pores of communication, magnified. | |

Figs. 1-6, from Mulbring.

7, „ Shoalhaven.

8, „ Boorook.