

## PLATE I.

Figs. 1-3. *Botrylloides tyreum*,<sup>1</sup> n. sp.

Figs. 4, 5. *Botrylloides perspicuum*, n. sp.

Figs. 6, 7. *Botrylloides perspicuum*, var. *rubicundum*, nov.

Fig. 8. *Botrylloides nigrum*, n. sp.

Fig. 1. A colony of *Botrylloides tyreum*; <sup>1</sup> natural size.

Fig. 2. A small part of the same colony, enlarged, to show the arrangement of the Ascidiozooids.

Fig. 3. A very small part of the same, still more enlarged, to show the structure of the anterior end of the Ascidiozoid.

Fig. 4. A colony of *Botrylloides perspicuum*; natural size.

Fig. 5. A small part of the same colony, enlarged to show the arrangement of the Ascidiozooids in a system, the common cloacal aperture, and the terminal bulbs on the vessels in the test.

Fig. 6. A colony of *Botrylloides perspicuum*, var. *rubicundum*; natural size.

Fig. 7. Another colony of the same variety; natural size.

Fig. 8. A colony of *Botrylloides nigrum*; natural size.

<sup>1</sup> On the plate this species is called *Botrylloides purpureum*. As that name was pre-occupied it has been changed to *Botrylloides tyreum*.