

PLATE II.

Figs. 1-4. *Ascopera gigantea*, Herdman.

Fig. 5. *Ascopera pedunculata*, Herdman.

- Fig. 1. Part of the branchial sac of *Ascopera gigantea*, between two folds, seen from the inner side, magnified, showing a transverse vessel (*tr.*), two internal longitudinal bars (*i.l.*), and the stigmatic network between (Hartn., obj. 4).
- Fig. 2. A small portion of the last figure, greatly magnified, to show the ciliated cells (*sg. c.*) lining the stigmata (Hartn., obj. 7).
- Fig. 3. Squamous epithelial cells from the surface of a transverse vessel; much magnified (Hartn., obj. 10).
- Fig. 4. Part of a section through the test of *Ascopera gigantea*, showing the stellate cells and small bladder cells; magnified (Hartn., obj. 5).
- Fig. 5. Part of the branchial sac of *Ascopera pedunculata*, seen from the inside; magnified (Hartn., obj. 6).