

PLATE VII.

PAGE

Figs. 1, 2. *Thenea schmidtii*, 67

Figure 1. View of a specimen ; nat. size.

„ 2. Section through a part of the choanosome, showing the flagellated chambers and the arrangement of the microscleres ; the tangential position of the actines of the calthrops is best seen in the canal in the lower right-hand corner ; $\times 73$.

Fig. 3. *Thenea muricata*, 95

„ 3. A transverse section through the ectosome and adjacent choanosome, showing the small euryptylous chambers and abundant mesoderm ; $\times 73$.

Fig. 4. *Thenea intermedia*, 97

„ 4. A transverse section through the ectosome and adjacent choanosome ; $\times 73$.

Fig. 5. *Pilochrota lendenfeldi*, 134

„ 5. View of a specimen ; nat. size.