

PLATE XLIV.

Figs. 1-3. *Goodsiria pedunculata*, n. sp.

Figs. 4, 8-10. *Goodsiria placenta*, n. sp.

Figs. 5-7. *Goodsiria placenta*, var. *fusca*, nov.

<i>b.c.</i> Pigmented cells in mantle.	<i>i.l.</i> Internal longitudinal bar of branchial sac.	<i>t.</i> Test.
<i>br.f., br.f'.</i> Folds in branchial sac.	<i>m.</i> Mantle.	<i>tr.</i> Transverse vessels of branchial sac.
<i>b.v.</i> Blood-vessels in wall of stomach.	<i>o.</i> Ovum.	<i>t.v.</i> Spermatic vesicles.
<i>cp.</i> Ciliated epithelium in interior of stomach.	<i>o.d.</i> Oviduct.	<i>ty.</i> Typhlosole or large fold in stomach wall.
<i>fd.</i> Fold in wall of stomach.	<i>sg.</i> Stigmata of branchial sac.	<i>v.d.</i> Vas deferens.

- Fig. 1. Colony of *Goodsiria pedunculata*; natural size.
- Fig. 2. Part of branchial sac of *Goodsiria pedunculata*, seen from the interior; magnified (S., 1 inch).
- Fig. 3. Transverse section of the stomach of *Goodsiria pedunculata*, showing the numerous large folds; highly magnified (S., $\frac{1}{4}$ inch).
- Fig. 4. Longitudinal vertical section through one of the polycarps of *Goodsiria placenta*; magnified (S., 1 inch).
- Fig. 5. Colony of *Goodsiria placenta*, var. *fusca*; natural size.
- Fig. 6. Part of the branchial sac of *Goodsiria placenta*, var. *fusca*, showing one complete and one rudimentary fold; magnified (S., 1 inch).
- Fig. 7. Part of the mantle of *Goodsiria placenta*, var. *fusca*, showing arrangement of muscle bands and pigment cells; magnified (S., 1 inch).
- Fig. 8. Transverse section of polycarp of *Goodsiria placenta*; magnified (S., 1 inch).
- Fig. 9. Oblique section through a polycarp of *Goodsiria placenta*, showing its relations to the mantle and test; magnified (S., 1 inch).
- Fig. 10. Two spermatic vesicles from the polycarp of *Goodsiria placenta*; highly magnified (S., $\frac{1}{4}$ inch).