

PLATE XLVIII.

Figs. 1-4. *Culeolus willemæsi*, n. sp.

Figs. 5-11. *Bathyoncus discoideus*, n. sp.

*br.f.* Longitudinal fold in branchial sac. | *i.l.* Internal longitudinal bar of branchial sac. | *sp.* Spicule.  
*tr.* Transverse vessel of branchial sac.

Fig. 1. *Culeolus willemæsi*; natural size.

Fig. 2. Part of the branchial sac of *Culeolus willemæsi*; magnified (S., 1 inch).

Fig. 3. Branchial aperture of *Culeolus willemæsi*; enlarged.

Fig. 4. One of the tentacles of *Culeolus willemæsi*; magnified (S., 1 inch).

Fig. 5. *Bathyoncus discoideus*; natural size.

Fig. 6. Part of the mantle of *Bathyoncus discoideus*; magnified (S., 1 inch).

Fig. 7. One of the tentacles of *Bathyoncus discoideus*; magnified (S., 1 inch).

Fig. 8. Part of the branchial sac of *Bathyoncus discoideus*; magnified (S., 1 inch).

Fig. 9. One of the large folds from the branchial sac of *Bathyoncus discoideus*; magnified (S., 1 inch).

Fig. 10. Part of one of the internal longitudinal bars from the branchial sac of *Bathyoncus discoideus*, showing the spicules, &c.; highly magnified (S.,  $\frac{1}{6}$  inch).

Fig. 11. One of the groups of reproductive organs of *Bathyoncus discoideus*, dissected off from the mantle; enlarged.