

PLATE I.

Figs. 1, 2. *Limacina triacantha* (Fischer).

Fig. 1. Shell, from the aperture ; magnified fourteen diameters.

Fig. 2. Shell, from the apex ; magnified fourteen diameters.

Figs. 3, 4. *Limacina antarctica*, Woodward. (After Hooker's unpublished figures.)

Fig. 3. Shell, from the aperture ; magnified ten diameters.

Fig. 4. Shell, from the apex ; magnified five diameters.

Fig. 5. *Limacina helicoides*, Jeffreys. Shell, from the aperture ; magnified eight diameters.

Fig. 6. *Limacina australis* (Eydoux and Souleyet). Shell, from the aperture ; magnified eight diameters.

Figs. 7, 8. *Peracelis reticulata* (d'Orbigny).

Fig. 7. Shell (from deep-sea deposit), from the aperture ; magnified twelve diameters.

Fig. 8. Operculum, from the outside. *a*, Surface of insertion.

Figs. 9, 10. *Peracelis bispinosa*, n. sp.

Fig. 9. Shell, from aperture ; magnified six diameters.

Fig. 10. Shell, from apex ; magnified seven diameters.

Figs. 11-14. "*Agadina*" *stimpsoni*, A. Adams.

Fig. 11. Shell, from aperture, with operculum *in situ* ; magnified eighteen diameters.

Fig. 12. Shell, from apex ; magnified twenty-two diameters.

Fig. 13. Animal, from left side ; magnified twenty diameters. *a*, velum ; *b*, visceral mass ; *c*, aperture of pallial cavity ; *d*, operculum ; *e*, foot.

Fig. 14. Lower surface of the foot ; magnified twenty diameters. *a*, operculum.

Figs. 15, 16. "*Agadina*" sp.

Fig. 15. Shell, from aperture ; magnified twenty-two diameters.

Fig. 16. Shell, from umbilicus ; magnified twenty-two diameters.