

Fig. 1. *Limacina helicina*.

- Fig. 1. Head seen from the right side; *a*, right tentacle; *b*, fin; *c*, tentaculiform lobe of the fin; *d*, posterior lobe of the foot; *e*, columellar muscle; *f*, mantle; *g*, "balancer," or lateral lobe of the mantle; *h*, genital opening; *i*, seminal groove.

Fig. 2. *Limacina lesueuri*.

- Fig. 2. Dorsal view, with the penis (*c*) evaginated; *a*, the head, with two tentacles and the seminal groove; *b*, "balancer"; *c*, penis.

Fig. 3. *Limacina helicina*.

- Fig. 3. View from the right side, the mantle, as also the heart and kidney, having been removed from that side; *a*, fin; *b*, posterior lobe of the foot; *c*, buccal mass; *d*, œsophagus; *e*, one of the four large stomachal plates; *f*, the posterior dorsal azygous plate; *g*, intestine; *h*, anus; *i*, gonad or genital gland; *j*, genital duct; *k*, accessory genital glands; *l*, seminal groove; *m*, columellar muscle; *n*, pallial cavity; *o*, central nervous system.

Fig. 4. *Limacina lesueuri*.

- Fig. 4. The evaginated penis, seen from the right side.

Fig. 5. *Limacina helicina*.

- Fig. 5. Dorsal view; *a*, "shield" or pallial gland; *b*, kidney; *c*, heart, visible owing to the transparency of the mantle.

Fig. 6. *Actæon tornatilis*.

- Fig. 6. Dorsal view; *a*, *b*, *c*, as in fig. 5; *d*, cephalic hood.

Figs. 7, 8. *Limacina helicina*.

- Fig. 7. Central nervous system, seen from the left side; *a*, buccal mass; *b*, œsophagus; *c*, cerebral ganglion; *d*, cerebral commissure; *e*, pedal ganglion; *f*, right visceral ganglion; *g*, left visceral ganglion; *h*, otocyst; *i*, tentacular nerve; *j*, nerve to the fin; *2*, *3*, visceral nerves; *4*, left pallial nerve.
- Fig. 8. Central nervous system, seen from the ventral side; *a*, cerebral ganglion; *b*, pedal ganglion; *c*, right visceral ganglion; *d*, left visceral ganglion; *e*, otocyst; *f*, nerve to the fin; *1*, right pallial nerve; *2*, *3*, visceral nerves; *4*, left pallial nerve.

Figs. 9-12. *Peracelis reticulata*.

- Fig. 9. Dorsal surface of the head; *a*, head with the tentacles; *b*, fin; *c*, posterior lobe of the foot; *d*, operculum.
- Fig. 10. Pallial gland seen from within.
- Fig. 11. Distal extremity of the genital duct, seen from the right side; *a*, genital aperture; *b*, muciparous gland; *c*, albuminiparous gland; *d*, vesicula seminalis.
- Fig. 12. Central nervous system, seen from the ventral surface; the cerebral commissure having been divided and the cerebral ganglia reflected ventrally; *a*, cerebral ganglion; *b*, pedal ganglion; *c*, right visceral ganglion; *d*, azygous median visceral or abdominal ganglion; *e*, left visceral ganglion; *f*, otocyst; *g*, cerebral commissure; *h*, cephalic nerve; *i*, nerve to the fin; *1*, right pallial nerve; *2*, *3*, visceral nerves; *4*, left pallial nerve.