

PLATE IX.

Figs. 1-5. *Scalpellum parallelogramma*, n. sp.

Fig. 1. Mandible; magnified 94 diameters.

Fig. 2. Maxilla; magnified 94 diameters.

Fig. 3. Second maxilla; magnified 41 diameters.

Fig. 4. First cirrus; magnified 6 diameters. *g.o.*, female genital pore.

Fig. 5. Female genital pore at the base of the first cirrus; magnified 41 diameters.

Fig. 6. *Scalpellum nymphocola*, n. sp.

Fig. 6. Part of the interior surface of the scutum, with the complementary male attached to it; magnified 94 diameters. *a.*, margin of the valve; *b.*, exterior; *c.*, interior layer of the mantle, between which two layers the male is attached; *d.*, musculus adductor scutorum.

Figs. 7-9. *Scalpellum velutinum*, n. sp.

Fig. 7. Male in the pupa-stage; magnified 41 diameters.

Fig. 8. Male in a somewhat older stage; magnified 94 diameters. *t.*, testis; *c. gl.*, glands at the base of the antennæ, probably cement glands.

N.B.—In this and in the following figures the male genital apparatus is coloured red.

Fig. 9. Male in a nearly ripe condition; magnified 41 diameters.

Figs. 10, 10*. *Scalpellum eximium*, n. sp.

Fig. 10. Male; magnified 41 diameters.

Fig. 10*. Spines attached to the surface of the male; strongly magnified.

Fig. 11. *Scalpellum gigas*, n. sp.

Fig. 11. Complementary male; magnified 94 diameters.

Fig. 12. *Scalpellum regium* (Wyv. Thoms.), n. sp.

Fig. 12. Complementary male; magnified 41 diameters.