

*b*, inner layer of the integument with scattered spicula; *c*, muscular layer.

*Lætmogone wyville-thomsoni*, Théel.

Fig. 14. Diagrammatic view of a transverse section of the thick terminal part of a tentacle. *a*, tentacular cavity; *b*, branched canals lying within the thick sole-like terminal part.

PLATE XLV.

*Oneirophanta mutabilis*, Théel.

- Fig. 1. Plexus of pigmented nerves from the integument.  
 „ 2. Nerve-cell produced into three processes.  
 „ 3. Nerve-cell produced into several processes.  
 „ 4. Portion of a nerve-branch from a dorsal process.  
 „ 5. Nerve-ring. *a*, branches passing to the tentacles; *b*, radial nerve-stems; *c*, branches passing to the oral disk and the oral cavity.  
 „ 6. Cells from the connective tissue of the integument. *a*, cell produced into five processes; *b*, cell with three processes; *c*, cell with two processes.

PLATE XLVI.

*Ilyodæmon maculatus*, Théel.

Fig. 1. View of the reproductive organs with the branches of the one side removed. *a*, efferent duct.

*Lætmogone wyville-thomsoni*, Théel.

- „ 2. A portion of the female reproductive organs.  
 „ 3. A portion of the male reproductive organs.

*Euphronides depressa*, n. sp.

„ 4. View of the female reproductive organs taken from the animal dredged at Station V. Twice the natural size.

*Deima validum*, Théel.

„ 5. View of the reproductive organs; the tubes of the one side removed. Twice the natural size. *a*, efferent duct.

*Oneirophanta mutabilis*, Théel.

„ 6. View of the male reproductive organs. Twice the natural size. *a*, efferent duct.