

PLATE LVII.

The Lettering is the same in all the Figures.

<p><i>ae.</i> Ambulacral epithelium. <i>an.</i> Anambulacral plate. <i>b.</i> Radial blood-vessel. <i>c.</i> Connective tissue meshwork in the coelom. <i>cp.</i> Covering plate. <i>cvc.</i> Circumvisceral coelom. <i>fg.</i> Fore-gut. <i>g.</i> Epithelial lining of the gut. <i>gv.</i> Genital vessel. <i>ib.</i> Intervisccral blood-vessel. <i>lp.</i> Labial plexus. <i>lr.</i> Its radial extensions beneath the ambulacra. <i>n.</i> Ambulacral nerve.</p>	<p><i>p.</i> Pigment granules. <i>rc.</i> Rectum. <i>s.</i> Spinelets on the disk. <i>sp.</i> Side plate. <i>sub.</i> Subambulacral plate. <i>T.</i> Tentacle. <i>tb.</i> Tentacular branch of water-vessel. <i>w.</i> Radial water-vessel. <i>wp.</i> Water-pore. <i>wt.</i> Water-tube. <i>x.</i> Plexiform gland. <i>xv.</i> Its ventral end which joins the labial plexus.</p>
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Fig. 1. PENTACRINUS WYVILLE-THOMSONI, Jeffreys.

		Diam.	Page
Fig. 1. Transverse section of the disk in the anal interradius, showing the labial plexus (<i>lp</i>) and its extensions beneath the ambulacra (<i>lr</i>),	×	40	100

Figs. 2-5. PENTACRINUS DECORUS, Wyv. Thoms.

Fig. 2. Vertical section through the outer part of the plexiform gland, showing its connection with the intervisceral blood-vessels,	×	100	101
Fig. 3. The upper part of a longitudinal vertical section through the disk, showing the connection of the labial plexus (<i>lp</i>) with the genital and intervisceral vessels (<i>gv</i> , <i>ib</i>), and also with the ventral end of the plexiform gland (<i>xv</i>). The section cuts the edge of the anal tube (<i>rc</i>), but passes to the right of the mouth,	×	30	97
Fig. 4. Transverse section of an ambulacrum near the peristome. This shows the two lateral water-vessels (<i>w</i>), which are separated by the radial extension of the labial plexus (<i>lr</i>),	×	50	93
Fig. 5. Portion of a vertical section through the periphery of the disk, showing the intervisceral vessels on the outside of the digestive canal,	×	100	102