

EXPLANATION OF THE PLATES.

The following letters are employed throughout all the Plates :—

<p><i>A.</i> . . . Axial cord of the ray or arm.</p> <p><i>a.</i> . . . Axial cord of a pinnule.</p> <p><i>a'</i> . . . Branches of the axial cord in the skeleton.</p> <p><i>ac.</i> . . . Connective-tissue fibres between the anambulacral plates.</p> <p><i>ad.</i> . . . The parambulacral extensions of the axial cords into the ventral perisome.</p> <p><i>ae.</i> . . . Ambulacral epithelium.</p> <p><i>ai.</i> . . . Primary interradiial cords.</p> <p><i>an.</i> . . . Anambulacral plates.</p> <p><i>ar.</i> . . . The secondary (radial) cords.</p> <p><i>at.</i> . . . Anal tube.</p> <p><i>B.</i> . . . Basal ring.</p> <p><i>B₁, B₂</i> . . . First and second brachials.</p> <p><i>b.</i> . . . Radial blood-vessel.</p> <p><i>bl.</i> . . . Ligaments uniting the basals to the top stem-joint.</p> <p><i>br.</i> . . . Plug of calcareous tissue in the radial funnel, called a rosette by Sars.</p> <p><i>C.</i> . . . The body-cavity or coelom.</p> <p><i>c.</i> . . . The bands of connective-tissue which traverse it.</p> <p><i>ca.</i> . . . Fibrillar sheath round the vascular axis of the stem.</p> <p><i>ca'</i> . . . Its radiating extensions.</p> <p><i>cc.</i> . . . Coeliac canal.</p> <p><i>cco.</i> . . . Interradiial portion of the circular commissure.</p> <p><i>ch.</i> . . . Cavities of the chambered organ.</p> <p><i>ch'</i> . . . Their downward prolongations into the stem.</p> <p><i>chc.</i> . . . Fibres of connective tissue which traverse the fibrillar envelope of the chambered organ (central capsule).</p> <p><i>chn.</i> . . . The nodal enlargements of the peripheral vessels of the stem (<i>ch'</i>).</p>	<p><i>ci.</i> . . . Cirrus.</p> <p><i>cic.</i> . . . Ciliated cups in the coeliac canal.</p> <p><i>ep.</i> . . . Covering plates.</p> <p><i>cs.</i> . . . Connective-tissue spaces in the perisome.</p> <p><i>cv.</i> . . . Cirrus-vessel.</p> <p><i>cvc.</i> . . . Circumvisceral coelom.</p> <p><i>D₁, D₂, D₅</i> . . . First, second, and fifth distichals.</p> <p><i>e.</i> . . . External epithelium.</p> <p><i>fg.</i> . . . Fore-gut.</p> <p><i>G.</i> . . . Gut.</p> <p><i>g.</i> . . . Its epithelial lining.</p> <p><i>gc.</i> . . . Genital cord.</p> <p><i>gc'</i> . . . Genital canal.</p> <p><i>gv.</i> . . . Genital vessel.</p> <p><i>ib.</i> . . . Intervisceral blood-vessel.</p> <p><i>ico.</i> . . . Intraradiial portion of the circular commissure.</p> <p><i>J.</i> . . . Arm-joint.</p> <p><i>j.</i> . . . Pinnule-joint.</p> <p><i>L.</i> . . . Interradiial ligament.</p> <p><i>l.</i> . . . Basiradiial ligament.</p> <p><i>lb.</i> . . . Interbasal ligament.</p> <p><i>ld.</i> . . . Dorsal ligament between the arm-joints.</p> <p><i>ld'</i> . . . The fossa in which it is lodged.</p> <p><i>li.</i> . . . Interarticular ligament of the arms.</p> <p><i>li'</i> . . . The fossa in which it is lodged.</p> <p><i>ln.</i> . . . Calcareous network in the perisome.</p> <p><i>lp.</i> . . . Labial plexus.</p> <p><i>lr.</i> . . . Its radial extensions beneath the ambulacra.</p> <p><i>ls.</i> . . . Interarticular ligament of stem.</p> <p><i>M.</i> . . . Mouth.</p> <p><i>m.</i> . . . Muscle.</p> <p><i>m'</i> . . . Transverse muscle-threads in the water-vessels.</p> <p><i>mp.</i> . . . Muscle-plate.</p>
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