

PLATE XLIV.

Rataria cristata, n. sp. (p. 79).

	Diam.
Fig. 1. Apical view of the corm (from above). <i>uf</i> , Vertical sail; <i>pq</i> , octolobate central disc of the pneumatocyst; <i>pk</i> , its concentric ring-chambers; <i>um</i> , margin of the umbrella; <i>gs</i> , gonostyles (shining through); <i>t</i> , tentacles,	x 20
Fig. 2. Basal view of the corm (from below). <i>so</i> , Mouth-opening of the central sterile siphon; <i>gs</i> , sexual siphons (gonostyles); <i>um</i> , margin of the umbrella; <i>t</i> , tentacles,	x 20
Fig. 3. Half lateral, half superior view of the corm, swimming in the expanded state. <i>uf</i> , Vertical sail; <i>pf</i> , pneumatocyst; <i>ph</i> , its central chamber; <i>uc</i> , centradenia; <i>um</i> , margin of the umbrella; <i>t</i> , tentacles; <i>gs</i> , gonostyles; <i>sa</i> , central siphon; <i>so</i> , its mouth,	x 12
Fig. 4. Lateral view of the corm, in the contracted state. Characters as in fig. 3,	x 12
Fig. 5. Frontal section through the corm (or vertical transverse section). Characters as in figs. 1 and 3. <i>st</i> , Gastrobasal plate; <i>cm</i> , hepatic vessels; <i>ce</i> , pallial vessels; <i>g</i> , gonophores,	x 20
Fig. 6. Horizontal section through the corm, somewhat oblique. The median part of the section exhibits the centradenia (<i>uc</i>), with the hepatic vessels (<i>cm</i>). The right (inferior) half of the figure shows the transverse sections of the gonostyles (<i>gs</i>) and tentacles (<i>t</i>); the left (superior) half the peripheral ring-chambers of the pneumatocyst (<i>pk</i>),	x 20
Fig. 7. Horizontal section through the corm, in a transverse plane more highly situated than fig. 6. <i>pf</i> , Pneumatocyst; <i>pk</i> , its concentric ring-chambers; <i>uc</i> , centradenia; <i>cm</i> , hepatic vessels; <i>ce</i> , pallial vessels of the umbrella margin,	x 20
Fig. 8. Pneumatocyst of another corm, isolated, seen from above. <i>po</i> , Central stigma; <i>pe</i> , antero-sinistral stigma; <i>pe''</i> , postero-dextral stigma; <i>pq</i> , octolobate periphery of the central disc; <i>pk</i> , concentric ring-chambers,	x 20
Fig. 9. The same pneumatocyst, seen from below. <i>pk</i> , Concentric ring-chambers; <i>pt</i> , tracheæ,	x 20
Fig. 10. Margin of the umbrella; highly magnified.	