

articulated, cylindrical or somewhat dilated at the aperture. Vesicles numerous, scattered or imperfectly clustered, large and shaped somewhat like the flower of a Calceolaria, with a short tubulous aperture in the middle of its concavity, which is on the superior and inner aspect.

I have named this curious and very interesting species after its discoverer, to whose kindness I am indebted for the specimen that furnished our figure and description. In habit and structure it closely resembles *Th. halecina*, from which it is, however, at once distinguished by its remarkable ovaries.

3. *T. MURICATA*, vesicles roundish or ovate, echinated. Dr David Skene.

PLATE VII. Fig. 3, 4.

*Sertularia muricata*, Ellis and Soland. Zooph. 59, pl. 7, fig. 3, 4. *Turt.* Gmel. iv. 681. *Turt.* Brit. Faun. 215. *Stew.* Elem. ii. 445. *Jameson* in Wern. Mem. i. 564. *Flem.* Brit. Anim. 543. *Hogg's* Stockton, 34. *Bosc*, Vers, iii. 115.—*Laomedea muricata*, *Lamour.* Cor. Flex. 209. *Corallina*, 92.—*La Sertulaire muriquée*, *Blainv.* Actinol. 480. *La Campanulaire muriquée*, *Ibid.* 473.

*Hab.* On old shells in deep water. The sea at Aberdeen, *Skene*. Frith of Forth, *Jameson*. Seaton, *J. Hogg*. Near Scarborough, *W. Bean*.

Polypidom from 2 to 4 inches high, rooted by a fibrous entangled mass, irregularly branched, stout and rigid, yellowish-brown; the stem and branches composed of capillary tortuous tubes closely agglutinated, but the extremities of some of them become free and appear like simple fibres; branches erecto-patent, slightly tapered at the point. Cells visible only on the simple fibres, small, alternate, separated by an oblique joint, sessile, campanulate, with an entire even aperture. Vesicles very numerous and often crowded, shortly stalked, roundish or ovate, somewhat compressed, and rough with prickles arranged in lines on elevated striæ: when filled with ova the centre is of a deep chesnut-brown colour.

May not the obscure SERTULARIA ECHINATA of Linnæus be referable to this species?

6. SERTULARIA,\* Linnæus.

CHARACTER. *Polypidoms* rooted, plant-like, variously branched, the divisions or branches formed of a single tube divided at regular intervals by imperfect septa: cells paired or arranged in

\* From *sertula*, the diminutive of *serta*, a garland.