

of corallines, a sessile vesicular body filled with milk-white granules, resembling very exactly the oviferous vesicle of a Sertularia, but of what species I am unable to say, if indeed it belongs to any. It is rooted, sessile, roundish, slightly flattened on the sides, smooth, with a short tubulous even aperture. Fig. 10, page 92. It has no attachment to any organized body. Can it be the nidus of some minute Fucus or Purpura?

7. THUIARIA, * Fleming.

CHARACTER. *Polypidom plant-like, rooted by a tubular fibre, erect, dichotomously branched or pinnated; the cells sessile, biserial, adnate to the rachis or "imbedded in the substance of the stem and branches;" vesicles scattered.—Polypes hydraform.*

1. TH. THUIA, cells ovato-elliptical, rather acute; vesicles pear-shaped. Sir Robert Sibbald.†

PLATE XIV. and XV. Fig. 1, 2.

Planta marina equiseti facie, Sib. Scot. ill. ii. lib. iv. 55, tab. 12, fig. 1.—*Fucus equiseti facie*, Ibid. lib. i. 56. *Raii*, Syn. 50, no. 47.—Bottle-brush Coralline, *Ellis*, Corall. 10, no. 9, pl. 5, fig. b. *B.*—*Sertularia thuja*, *Lin.* Syst. 1308. *Pall.* Elench. 140. *Ellis and Soland.* Zooph. 41. *Berk.* Syn. i. 217. *Turt.* Gmel. iv. 678. *Wern.* Mem. i. 564. *Turt.* Brit. Faun. 213. *Bosc.* Vers, iii. 109. *Stew.* Elem. ii. 442. *Lamour.* Cor. Flex. 193. Corall. 84. *Hogg's* Stock. 32. *Risso* L'Europ. Merid. v, 311.—*Cellaria thuia*, *Lam.* Anim. s. Vert. ii. 339. *Stark*, Elem. ii. 439.—*Thuiaria thuia*, *Flem.* Brit. Anim. 545. *Johnston* in Trans. Newc. Soc. ii. 261.—*La Biseriare thuia*, *Blainv.* Actinol. 482, pl. 81, fig. 3.

Hab. On shells from deep water. "They are found on the coast

* Formed from *θύια*—a cedar. There is a *Thuarea* in Botany, so near to the zoophytical genus in sound as to render this name objectionable. The *Thuarea* is formed from the name of the botanist A. du Petit-Thouars.

† There is a very interesting life of Sir Robert, written by himself, in the *Analecta Scotica*, v. i. p. 126 et seq. It is printed in a separate form with the title "The Autobiography of Sir Robert Sibbald, Knt. M. D.; to which is prefixed a short account of his MSS." 8vo, published by Thomas Stevenson, Edin. 1833. The pamphlet forms the basis of his Life prefixed to the 20th vol. of the "Naturalist's Library," with which a portrait is also given. Sir Robert was born 15th April 1641; graduated in 1662; was knighted in 1682; and died probably in 1722, for the precise date has not been ascertained. See Pulteney's Sketches of the Progress of Botany, v. ii. p. 4-8. The following Elogium is from the Second Series of the *Analecta Scotica*, p. 153, Edin. 1837.

"Illustrata simul decorat, pariterque Sibaldum

"Scotia, scriptori lumine grata suo."