

*ramosa*, *Lin. Syst.* 1302. *Soland. Zooph.* 32. *Berk. Syn.* i. 214. *Turt. Gmel.* iv. 666. *Turt. Brit. Faun.* 210. *Stew. Elem.* ii. 437. *Wern. Mem.* i. 563. *Lam. Anim. s. Vert.* ii. 110. 2de edit. ii. 126. *Bosc. Vers.* iii. 89. *Lamour. Corall. Trans.* 101. *Flem. Brit. Anim.* 552. *Hogg's Stock.* 34. *Stark, Elem.* ii. 441, pl. 8, fig. 15. *Templeton* in *Mag. Nat. Hist.* ix. 466.—*Fistularia ramosa*, *Mull. Zool. Dan. prod.* 254, no. 3067.—*Fistulana ramosa*, *Fabric. Faun. Groenl.* 441.—*Tubulaire rameuse et trichoïde*, *Blainv. Actinolog.* 470, pl. 30, fig. 3, 3 a, copied from *Ellis*.

*Hab.* On oysters and other marine productions. "At Whitstable on the Kentish shore;" and "at Emsworth, on the borders of Sussex," *Ellis*. "Leith shore, found by the late Mr Mackay," *Jameson*. Very common on stones, muscle and oyster shells near Stockton-on-Tees, *J. Hogg, Esq.* "Found on the shore of Dublin Bay," *Templeton*.

Though said to be common, I am but imperfectly acquainted with this species, which it must be difficult to distinguish from the branched variety of the preceding except in a living state, when the polypes afford a certain means of discrimination in the arrangement of their tentacula. In size and texture the two species seem to be nearly alike. *Ellis* says, "I have often met with specimens of this coralline that have been regularly branched in a doubly pinnated form; and when I was at Emsworth, on the borders of Sussex, I found a specimen of this *Tubularia*, with its ovaries placed in a circle round the lower part of its heads." I have had small and imperfect specimens of *Thoa halecina* sent me as *T. ramosa*; nor is it impossible to mistake the variety of *Hermia glandulosa* which infests *Tubularia indivisa* for it. *Lamouroux* and *Blainville* make of *Ellis*' figure in Plate XVI. their *Tub. trichoides*, and they restrict the name *ramosa* to that figured in Plate XVII., but *Ellis* himself knew no difference, nor am I aware on what grounds these authors place the distinctions between them.

4. *T. RAMEA*, *arborescent, the stem and branches formed of agglutinated filiform tubes irregularly branched: polypes with a single series of tentacula.*

PLATE V. Fig. 1, 2.

*Tubularia ramea*, *Pall. Elench.* 83. *Bosc. Vers.* iii. 90.—*T. ramosa*, *Johnston* in *Trans. Newc. Soc.* ii. 253, pl. 10.—*Fistulana ramosa?* *Fabric. Faun. Groenl.* 441.—*Thoa Savignii?* *Lamour. Corall.* 93, pl. 6, fig. 2, malé.

*Hab.* On old shells and on stones from deep water. Shetland and Leith shore, *Dr Coldstream*. Frequent on the coasts of Northumberland and Berwickshire.