

abietina, β , *Pall.* Elench. 134.—*Dynamena filicula*, *Flem.* Brit. Anim. 544. La D. filicule, *Blainv.* Actinolog. 483.

Hab. Parasitical on sea-weeds, particularly on the entangled roots of *Laminaria digitata*. Coast of Yorkshire, *Hudson*. Scarborough, *Ellis*. Frequent about Seaton, Hartlepool, Whitburn, and other places on the coast of Durham, *Hogg*. Cullercoats, Northumberland, *Jos. Alder*. Dunstanborough, *R. Embleton*. Common on the shores of N. Durham and Berwickshire, *G. J. Frith* of Forth, *Jameson*.

Polypidom arising from a creeping fibre, 1 to 4 inches in height, spreading bifariously, irregularly branched, slender and flexible, of a straw-yellow or brownish colour, homologous throughout; the rachis zig-zag, or "bent to and fro into alternate angles," closely pinnated, the pinnæ shooting from every bend alternately on opposite sides, linear, patent, simple or composite. Cells closely set, minute, giving a serrulated appearance to the ramifications of the polypidom, shaped something like a Florence-flask, smooth, the aperture oblique, entire. The vesicles are rarely produced, nor have I seen a specimen with them: they are represented by *Ellis* as of a pear shape with a short tubulous aperture.

This, like its ally the *S. abietina*, is often infested with *Serpulæ*, but it is a much more delicate species, and, notwithstanding the similarity of their specific characters, perfectly distinct. "The singularity of its waved stem, with its erect single denticle at the insertion of the branches, together with the single pair of denticles on each part of the stem, that form the angles, make it a very distinct species from any of this genus." *Ellis*.

14. *S. OPERCULATA*, cells opposite, inversely conical, the aperture patulous, obliquely truncate, pointed on the outer edge, with two small lateral teeth; vesicles obovate. Mr Newton.

PLATE XI. Fig. 2, 2.

Muscus marinus denticulatus, procumbens, caule tenuissimo, denticulis bjugis, *Raii*, Hist. i. 79. *Morrison*, Plant. Hist. Oxon. iii. 650, tab. 9, fig. 3. *Plukenet*, Phytogr. tab. 47, fig. 11.—*Corallina muscosa denticulata procumbens*, *Raii*, Syn. 36, No. 18.—Sea-Hair, *Ellis*, Corall. 8, No. 6, tab. 3, fig. b. *B.*—*Sertularia operculata*, *Lin.* Syst. 1307. *Ellis* and *Soland.* Zooph. 39. *Berk.* Syn. i. 216. *Turt.* Gmel. iv. 676. *Jameson* in *Wern.* Mem. i. 564. *Turt.* Brit. Faun. 212. *Stew.* Elem. ii. 441. *Bosc.* Vers. iii. 106. *Lam.* Anim. s. Vert. ii. 118. *Hogg's* Stockton, 32. *Johnston* in *Trans. Newc. Soc.* ii. 258, plate 11, fig. 2. *Templeton*, ut supra cit, 468.—*S. usneoides*, *Pall.* Elench. 132.—*Dynamena operculata*, *Lamour.* Cor. Flex. 176. Corall. 78. *Flem.* Brit. Anim. 544.—La Dynamène operculée, *Blainv.* Actinolog. 483, pl. 83, fig. 5.