

Corallina pumila repens, minus ramosa, Raii, Syn. i. 37, no. 19.—*C. pumila erecta, ramosior, Ibid.* 37, no. 20. pl. 2, fig. 1.—*Muscus marinus lendigenosus minimus arenacei coloris, Morris.* Plant. hist. iii. 650, tab. 9, fig. 2.—*Reaumur* in Mem. de l'Acad. Roy. des Sc. an. 1711, 394, pl. 11, fig. 4, M.—*Sea-oak Coralline, Ellis*, Corall. 9, no. 8, pl. 5, fig. a, A. Phil. Trans. xlvi. 632, pl. 23, no. 6. Phil. Trans. lvii. 437, pl. 19, fig. 11. Phil. Trans. abridg. x, 493, pl. 12, fig. 6, F.—*Sertularia pumila, Lin.* Syst. 1306. *Pall.* Elench. 130. *Ellis and Soland.* Zooph. 40. *Berk.* Syn. i. 215. *Turt.* Gmel. iv. 676. Wern. Mem. i. 564. *Turt.* Brit. Faun. 212. *Stew.* Elem. ii. 441, pl. 12, fig. 10, 11, copied from Ellis. *Lam.* Anim. s. Vert. ii. 119. 2de edit. ii, 145. *Bosc,* Vers. iii. 105. *Hogg's Stockton*, 32. *Stark,* Elem. ii. 440, pl. 8, fig. 14. from Ellis. *Johnston* in Trans. Newc. Soc. ii. 259. *Lister* in Phil. Trans. an. 1834, 371, pl. 8, fig. 3. *Templeton*, lib. cit. 468.—*Sertolara pumila, Cavol.* Pol. mar. 216, tav. 8, fig. 8—10.—*Dynamena pumila, Lamour.* Cor. Flex. 179. *Corallina*, 79. *Flem.* Brit. Anim. 544.—La D. naine, *Blainv.* Actinol. 484.

Hab. Near low-water mark common, parasitical on various Fuci, particularly *F. vesiculosus* and *serratus*. Also on oyster shells.

The polypiferous shoots originate from a slender tubular thread which creeps along the surface of the fucus, and connects them all together. The shoots are very numerous, often covering a considerable space of the sea-weed, seldom more than half an inch in height, of a dusky horn colour, and thickish texture, sparingly branched, filiform, flattish, serrated with the cells, which are divided in pairs by a dissepiment or joint. The polypes have 14 tentacula, and when the animal displays them, it at the same time extrudes the body far beyond the rim of the cell. The vesicles are copiously produced during the summer months, and are irregularly distributed over the branches: they are sessile, ovate with a short tubulous rim, smooth, or sometimes wrinkled circularly: in the centre a placental column is at seasons obvious, and in June I have found them filled with innumerable pellucid granules floating in an amniotic liquor.

" This species, and probably many others, in some particular states of the atmosphere, gives out a phosphoric light in the dark. If a leaf of the above *Fucus* (*serratus*.) with the *Sertularia* upon it, receive a smart stroke with a stick in the dark, the whole coralline is most beautifully illuminated, every denticle seeming to be on fire."

Stewart.

" While thus with pleasing wonder you inspect
Treasures the vulgar in their scorn reject,
See as they float along th' entangled weeds
Slowly approach, upborne on bladdery beads;

micas investigavit." Prod. Flor. Nov. Holl. p. 7.—See also Pulteney's Sketches, v. ii. p. 107-9.