

tered over the branches, render it a remarkably beautiful object under the microscope.

2. *C. SCRUPOSA*, creeping, dichotomous; cells alternate with a plain aperture, "an angle projecting on the outward side of each." Ellis.

PLATE xxxviii. Fig 5, 6.

Creeping stony Coralline, *Ellis*, Corall. 38, no. 4. pl. 20, c, C.—Celliferous Coralline with angular edges to its cells, *Ellis*, in *Phil. Trans.* *xlvi.* pl. 13, no. 7. *Phil. Trans.* abridg. x. 493, pl. 12, fig. 7, K, L.—*Sertularia scruposa*, *Lin. Syst.* 1315. *Turt. Gmel.* iv. 686. *Berk. Syn.* i. 220. *Turt. Brit. Faun.* 216. *Wern. Mem.* i. 565. *Stew. Elem.* ii. 448.—*Cellularia scruposa*, *Pall. Elench.* 72. *Flem. Brit. Anim.* 539.—*Cellaria scruposa*, *Ellis and Soland. Zooph.* 23. *Bosc, Vers,* iii. 132, pl. 29, fig. 7. *Lam. Anim. s. Vert.* ii. 141. 2de edit. ii. 192. *Johnston in Trans. Newc. Soc.* ii. 261, pl. 11, fig. 5.—*Crisia scruposa*, *Corall. Templeton in lib. cit.* ix. 469.—*La. B. raboteuse*, *Blainv. Actinolog.* 459.

*Hab.* On the roots of *Laminaria digitata*, on *Flustræ*, corallines and old shells, common.

This frequently covers a space about an inch square, the branches diverging and creeping along the surface or the entangled roots of sea-weed, to which they are attached by simple tubulous root-like fibres pullulating from the plane inferior surface. The branches are rather broad, dichotomous, of an earthy brown colour, brittle when dry. Within the cells I have occasionally seen one, or sometimes two, nearly globular orange-coloured ova.

3. *C. REPTANS*, creeping, dichotomous; cells alternate with an oblique aperture armed with short spines at the top.—Ellis.

PLATE xxxviii. Fig. 3-4.

Creeping Coralline, *Ellis*, Corall. 37, pl. 20, no. 3, fig. b. B.—*Sertularia reptans*, *Lin. Syst.* 1315. *Fabric. Faun. Grœnl.* 445, no. 459. *Turt. Gmel.* iv. 685. *Turt. Brit. Faun.* 217. *Stew. Elem.* ii. 448.—*S. repens*, *Berk. Syn.* i. 220.—*Cellularia reptans*, *Pall. Elench.* 73. *Flem. Brit. Anim.* 540. *Hogg's Stock.* 35.—*Cellaria reptans*, *Ellis and Soland. Zooph.* 23. *Bosc, Vers,* iii. 132. *Lam. Anim. s. Vert.* ii. 141. 2de Edit. ii. 191. *Stark, Elem.* ii. 439. *Johnston in Trans. Newc. Soc.* ii. 262.—*Crisia reptans*, *Coral.* 60. *Risso, l'Europ. Merid.* v. 318. *Templeton in Mag. Nat. Hist.* ix. 469.—*La Bicellaire rampante*, *Blainv. Actinol.* 459.

*Hab.* On *Flustra foliacea* and other submarine bodies, common.

Similar to the preceding in form and mode of growth, but its spreading tufts cover in general a larger space, and are more densely matted.