

is very distinct from the *R. cellulosa*, with which it has been confounded." *Fleming*.

2. *R. CELLULOSA*, *polypidom reticulated, umbilicate, funnel-shaped, wavy, celluliferous on the inner side; the pedicle short, subtubular.* Ellis.

VIGNETTE No. 46, page 283.

Retepora eschara marina, *Fer. Imperat. Hist. Nat.* 630, c. fig. *Ellis*, *Corall.* 72, pl. 25, fig. *d, D, F.*—*Millepora retepora*, *Pall. Elench.* 243.—*M. cellulosa*, *Lin. Syst.* 1284. *Turt. Gmel. iv.* 637. *Turt. Brit. Faun.* 205. *Jameson* in *Wern. Mem.* i. 560. *Stew. Elem.* ii. 427. *Bosc.* *Vers.* ii. 343, pl. 25, fig. 5. *Cavol. Polyp. mar.* 73, tav. 3, fig. 12-14. *Blumenb. Man.* 270.—*M. foraminosa*, *Ellis and Soland. Zooph.* 138. pl. 26, fig. 2.—*Retepora cellulosa*, *Lam. Anim. s. Vert.* ii. 182. 2de edit. ii. 276. *Stark, Elem.* ii. 435. *Risso, L'Europ. Merid.* v. 343. *Johnston* in *Mag. Nat. Hist.* vii. 638, fig. 69.—*La Retepore dentelle de mer*, *Blainv. Actinolog.* 433, pl. 76, fig. 1.

Hub. Deep water, rare. Shetland islands, and in the island of Fulah, *Jameson*. Scarborough, *Mr Bean*.

Polypidom about an inch in height, affixed by a hollow, thick, and very short stalk, which expands into a shallow cup with unequal wavy and sinuous margins; pure white, calcareous and beautifully reticulated, the meshes about a line in length, oval, subequal, regular and divided by celluliferous spaces, rather wider than their own shortest diameter; the cells immersed, quincuncial, leaning, with the apertures looking upwards, a little prominent, round, with a small tooth on the distal edge; they open only on the superior or inner aspect, for the under surface of the polypidom is imperforate and almost smooth.

39. ESCHARA,* Ray.

CHARACTER.—*Polypidom membrano-calcareous, inflexible, brittle, expanding in the form of foliaceous porous lamellæ, variously folded and anastomosing, and consisting of two layers of opposite cells: cells immersed, coalescent, horizontal to the plane of axis, opening on both surfaces in quincuncial pores protected with an operculum.*—*Polypes ascidian.*

1. *E. FOLIACEA*, *plates foliaceous, winding, uniting irregularly and forming sinuous cavities.* Dillenius.

PLATE xl.

* *Εσχαρα*, the scar from a burn.