

209. *Blumenb.* Man. 272. *Stew.* Elem. ii. 435. Corall. 44. *Lam.* Anim. s. vert. ii. 156. 2de edit. ii. 219. *Grant* in Edin. New Phil. Journ. iii. 111 and 337. *Flem.* Brit. Anim. 535. *Hogg's* Stock. 36. *Stark,* Elem. ii. 437. *Johnston* in Trans. Newc. Soc. ii. 263. *Mag. Nat.* Hist. iii. 483, fig. 120. *Templeton* in *Ibid.* ix. 469. *Risso,* L'Europ. merid. v. 333.—*La Flustre foliacée, Blainv.* Actinolog. 450, pl. 75, fig. 1.

*Hab.* Common on hard ground, in a few fathoms water.

*Polypidom* corneous, frondose, arising from a spreading base with a single plane of cells, about 4 inches high, of a uniform wood-brown colour, thickish, deeply divided into numerous broad segments generally somewhat narrowed at their origin, often bifid or trifid, sometimes palmate near the apex which is slightly rounded; the surface roughish, minutely reticulated: cells small, in semialternating rows, narrow at the base, dilated and arched at the top, the superior margin armed with four stout conical processes shorter than the diameter of the cell. The top of the cells is sometimes covered with a small hollow globular pearly operculum opening downwards.—The segments vary very much in breadth, but are rarely, if ever, proliferous. “*Varietas vulgatio frondibus latiusculis, dilatatis, extremitate lata laciniosa. Rarior frondibus longis atque angustis. Perrara extremis frondium angustiorum latis et palmatis. Rarissima subpinnatis aut latissimis margineque tantum divisis frondibus.*” *Pallas.*—*Hooke,* in his celebrated “*Micrographia,*” says, “for curiosity and beauty, I have not among all the plants or vegetables I have yet observed, seen any one comparable to this sea-weed.” When recent it exhales a pleasant scent, which *Pallas* compares to that of the orange, *Dr Grant* to that of violets, and which a friend tells me smells to him like a mixture of the odour of roses and geranium.

2. F. CHARTACEA, “*cells slightly enlarged distally; margins smooth.*” *J. Ellis.*

*Eschara papyracea* utrinque cellefera, summitatibus securis aciei instar truncatis, *Ellis,* Corall. pl. 38, fig. 8.—*Flustra papyracea, Ellis* and *Soland.* Zooph. 13. *Flem.* Brit. Anim. 535. *Lister* in Phil. Trans. an. 1834, 384, pl. 12, fig. 3. *Edwards* in *Lam.* Anim. s. Vert. 2de edit. ii. 220.—*La F. papyracée, Blainv.* Actinolog. 451.—*F. chartacea, Turt.* Gmel. iv. 663. *Turt.* Brit. Faun. 209. *Stew.* Elem. ii. 436. *Bosc,* Vers. iii. 141. Corall. 45. *Risso,* L'Europ. Merid. v. 333.

*Hab.* Coast of Sussex, *Ellis.* Brighton, *Lister.*

“The cells of this sea mat are of an oblong square figure, swelling out a little in the middle of each side. The openings of the cells are defended by a helmet-like figure; from hence the polype-shaped suckers extend themselves. This sea mat is of a slender and delicate texture, like thin semitransparent paper, of a very light straw