hollow case. I have not observed the same regularity of structure on the inner, as on the outer surface of the Ocellaria.

In proceeding with our survey of the fossil zoophytes, we find, at almost every step, the difficulty of following with precision the zoological arrangement of the living types, for this is based on organs (as those of digestion) of which no traces remain; and external form, with oftentimes obscure indications of the structure of the polyparium, afford the only clue to guide us through the labyrinth, and lead to satisfactory results. Numerous genera and species, characterised by the external form, and the shape and disposition of the cells and pores, have been established by various writers; yet a little attention to this class of fossils, discloses structures which differ from any of those previously classified, and new genera and species require to be added to the already very extended catalogue. But the student must be satisfied to arrange many of his specimens in certain groups or families, and not distract his attention with minute distinctions.

FLUSTRA (Sea-mat). Lign. 64, figs. 4, 5.—Polyparium membranaceous, flexile, or calcareous, encrusting or foliaceous, formed of cells, arranged in several series and in juxtaposition, more or less