

*Lophohelia prolifera*, PALLAS (Fig. 30, p. 169).—Many varieties; abundant at depths from 150 to 500 fathoms all along the west coasts of Scotland and Ireland, at temperatures varying from 0° to 10° C. In some places,—as, for example, at Station 54, between Scotland and Færoe, and Station 15, between the west coast of Ireland and the Porcupine Bank,—there seem to be regular banks of it, the dredge coming up loaded with fragments, living and dead.

Five allied species of the genus *Amphihelia* occurred more sparingly.



FIG. 68.—*Flabellum distinctum* Twice the natural size. (No. 28, 1870.)

*Allopora oculina*, EHRENBERG, a very beautiful form, of which a few specimens were procured in the 'cold area,' at depths a little over 300 fathoms.

*Thecopsammia socialis*, POURTALES (Fig. 69), a form closely allied to *Balanophyllia*, and resembling some crag species. It had been previously dredged by Count Pourtales in the Gulf of Florida. *Thecopsammia* is tolerably common in deep water in the 'cold area,' growing in patches, five or six examples sometimes coming up on one stone.