

*Hymenaster nobilis* (Fig. 48) is 300 mm. in diameter from tip to tip of the rays; the arms are 55 mm. wide; and, as in *H. pelucidus*, a row of spines fringing the ambulacral grooves are

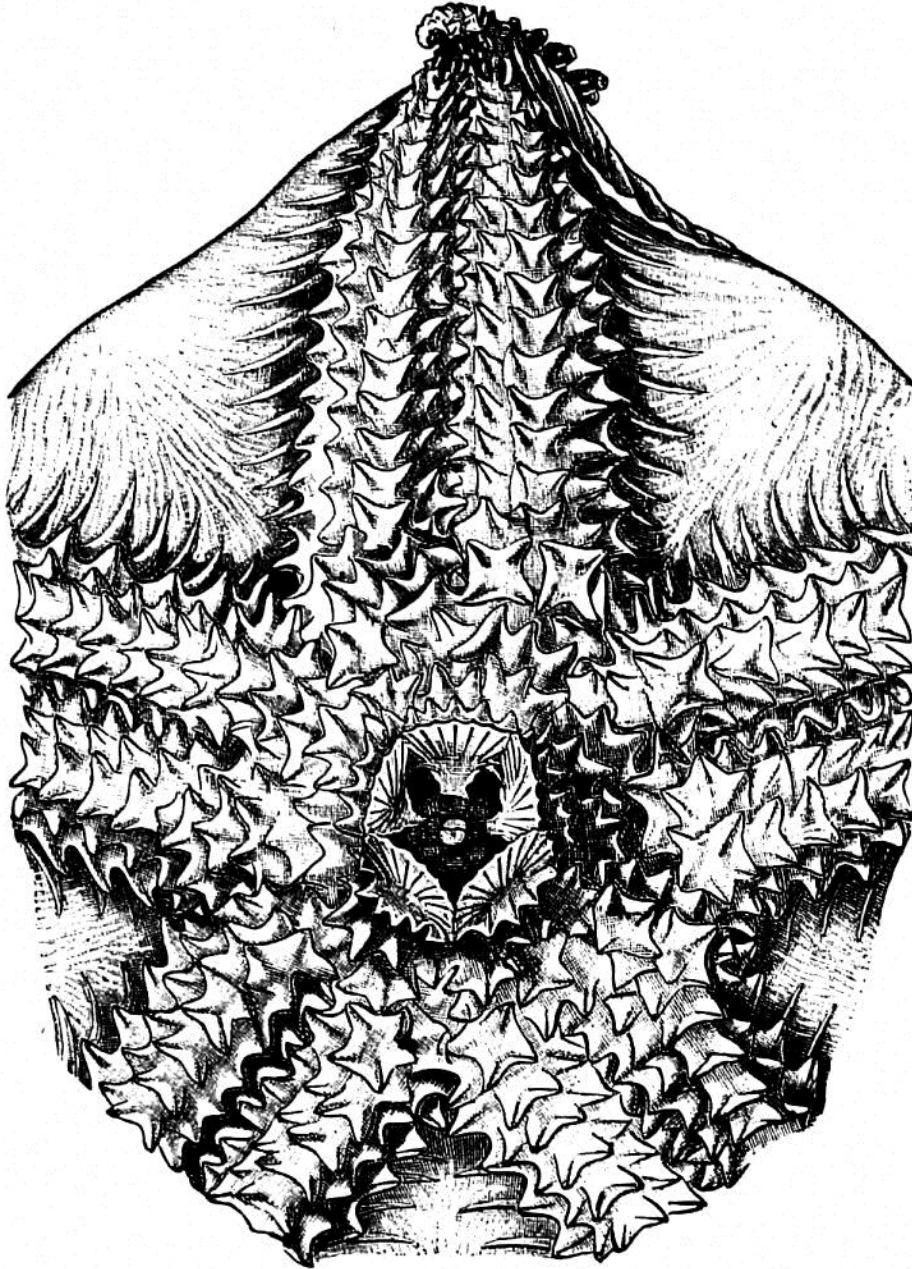


FIG. 48.—*Hymenaster nobilis*, WYVILLE THOMSON. Southern Sea. Half the natural size.

greatly lengthened and webbed, and the web running along the side of one arm meets and unites with the web of the adjacent arm, so that the angles between the arms are entirely filled up by a fleshy lamina stretched over and supported by spines, the body thus becoming a regular pentagon. The upper surface of the body, the disk, and the arms—all the surface except the