

arranged in more or less distinct layers; but the individual chamberlets are irregular both as to size and shape, and the layers in which they are combined lack the evenness and symmetry which is an invariable feature of the kindred porcellanous forms.

“But little was known of the arenaceous Rhizopoda constituting the families Astrorhizidæ and Lituolidæ before the ‘Porcupine’ expedition of 1869, and the variety of form which they exhibit, their diversity of structure, and the extent of their

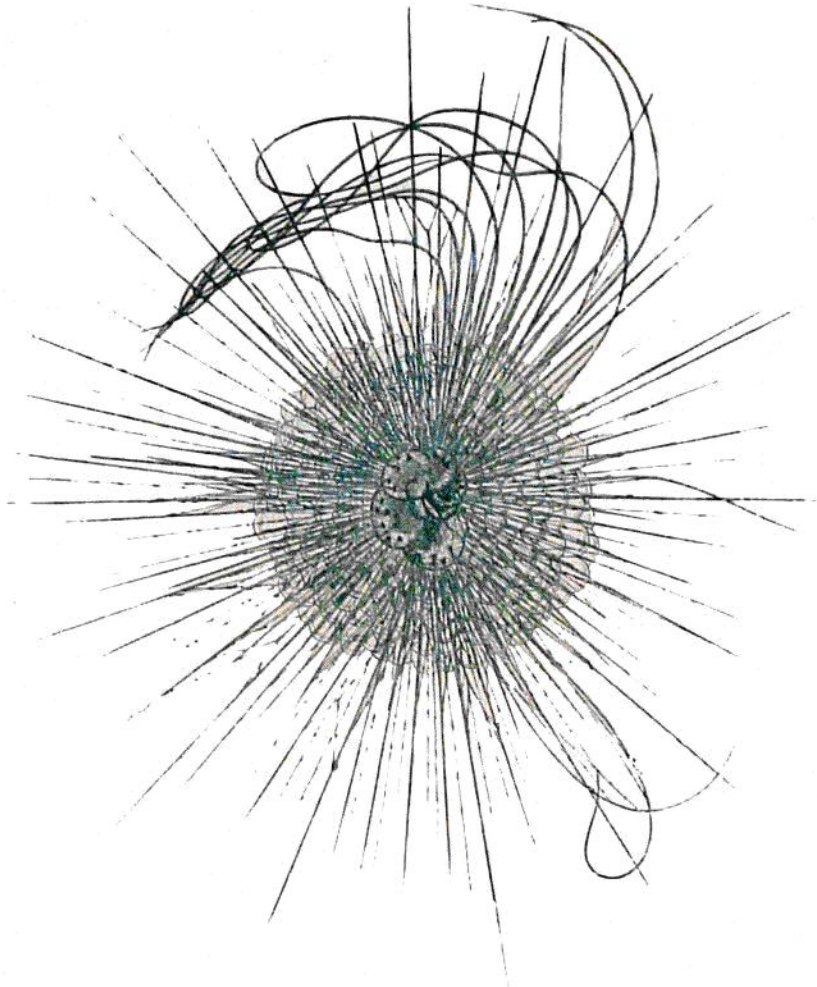


FIG. 305.—*Hastigerina pelagica* (d'Orb.) (*murrayi*, WYV. THOMAS.), with floating apparatus and pseudopodia extended, as found floating on the surface.

geographical distribution, were previously not so much as suspected. The fine series of Arenacea obtained by the ‘Porcupine’ has been enriched at every point by the Challenger dredgings. To the ‘Porcupine’ genera *Botellina*, *Marsipella*, *Pilulina*, and *Cyclamina*, the Challenger has added the curiously fashioned *Aschemonella*, the flexible weed-like *Rhizammina*, and the adherent branching *Sagenella*, together with a long array of fresh species of previously known genera.