

collections, in addition to a number of new forms, have furnished material for a complete revision of the species and varieties. *Sphæroidina*, *Pullenia*, and *Candeina*, aforesaid, believed, under all circumstances, to inhabit the bottom ooze alone, are now known to have pelagic representatives.

"There is but little that calls for remark in connection with the Rotalidæ and Nummulinidæ. One or two species of *Pulvinulina* have been added to the pelagic list; and *Cymbalopora bulloides*, with its large balloon-like final segment, has also been taken at the surface. But in connection with these families, the gain to science has been chiefly in the direction of new species and varieties, and in facts illustrative of the geographical distribution of forms already known."

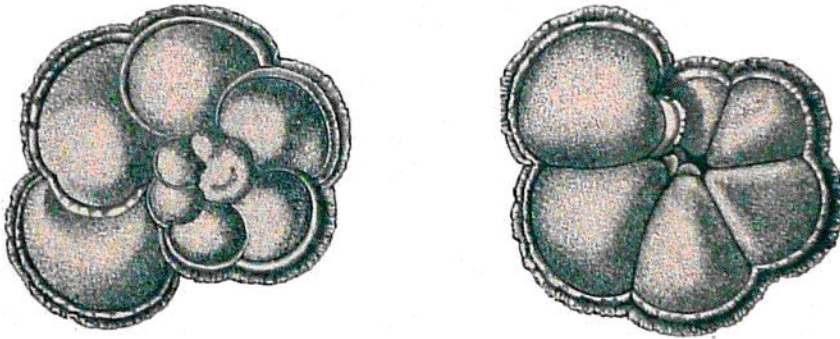


FIG. 307.—*Pulvinulina menardii* (d'Orbigny), from the tropical deposits.

The pelagic Foraminifera were under almost daily observation during the cruise, and have been frequently referred to in the preceding chapters. Among the species recognised by Mr. Brady in his Report, the following have a pelagic habitat:—

Globigerina bulloides, d'Orb.
 " " var. *triloba*, Reuss.
 " *dubia*, Egger.
 " *inflata*, d'Orb.
 " *rubra*, d'Orb.
 " *sacculifera*, Brady.
 " *conglobata*, Brady.
 " *equilateralis*, Brady.
Orbulina universa, d'Orb.
Hastigerina pelagica (d'Orb.).

Pullenia obliquiloculata, P. & J.
Sphæroidina dehiscens, P. & J.
Candeina nitida, d'Orb.
Pulvinulina menardii (d'Orb.).
 " " var. *tumida*, Brady.
 " *canariensis* (d'Orb.).
 " *crassa* (d'Orb.).
 " *micheliniana* (d'Orb.).
 " *patagonica*? (d'Orb.).
Cymbalopora bulloides (d'Orb.).

The last mentioned species (*Cymbalopora bulloides*) was only found when in the neighbourhood of coral reefs, when it was sometimes very abundant in the surface gatherings. There were usually two sizes, as represented in fig. 304, the smaller ones being united into groups of four by a gelatinous matter. Another peculiarity of this species is that these surface specimens did not contain sarcode like that usually found in