

but very minute; the surface is also delicately fretted with fine concentric undulations, which in crossing the riblets rise into sharp little contiguous tubercles, but in the narrow intervals are almost invisible. *Colour* frosted glassy-white. *Apex* fine, sharp, prominent, projecting upwards and backwards, with only the extreme tip (which is very small) incurled and slightly turned round; there are fully two whorls. *Slit* is a largish round hole with a pointed prolongation backwards; it lies close in front of the tip, and cuts away the natural top of the shell. *Margin* excessively thin, patulous all round, not crimped. *Inside* glassy; a very small hollow runs into the apex; the lines of the outside ribs are just perceptible; there is no anterior furrow; the slit, as seen from within, is round, and is very little interfered with by the short, thin, triangular, straight-edged, little-oblique septum. L. 0·21 in. B. 0·16. H. 0·14.

It was with very great hesitation I united the Challenger specimens to this species; and in my paper to the Linnean Society (*loc. cit.*) I mentioned various points of distinction between the forms. Even there, however, I suggested that a fuller series of specimens than I had seen at the time I wrote might supply connecting links between them. This actually proved to be the case, so enabling me—though only at the very last moment, and after my paper was in print—to suppress the name I had chosen for the species, and to adopt that of the late Dr Gwyn Jeffreys.

11. *Puncturella (Fissurisepta) rostrata* (Seguenza) (Pl. IV. fig. 10).

*Fissurisepta rostrata*, Seguenza, Palæo. Malac. Terr. Terz. di Messina, p. 10, pl. v. f. 3.

*Puncturella (Fissurisepta) rostrata*, Watson, Journ. Linn. Soc. Lond., vol. xvii. p. 38, sp. 10.

Station 24. March 25, 1873. Lat. 18° 38' 30" N., long. 65° 5' 30" W. Off Culebra Island, West Indies. 390 fathoms. Pteropod ooze.

*Fossil*.—From the Upper Miocene, Trapani, Sicily.

*Shell*.—Very small, thin and high, ovate, with slightly impressed sides, glassy, dotted in regular oblique-curving lines, with high, blunt, minute glassy tubercles; the side slopes are high and straight, the front edge faintly convex, the back slope slightly concave; there is no embryonic apex; and the slit is a round hole parallel to the base. *Sculpture*: The surface of the shell is glassy, but is dotted with minute tubercles which are generally parted by more than their own diameter, and run in very regular oblique sweeps parallel to one another. *Colour* transparently glassy, the tubercles being dead white. *Apex* none, the top being slightly bent back and the entire tip removed. *Slit*: a small round hole on the very top, with slightly irregular sides. *Margin* very thin; the sides are almost straight or a little bent in, and the breadth is very slightly greater behind than before. *Inside* quite glassy; there is no anterior furrow, and the straight concave-edged septum runs far down the shell parallel and very near to the posterior wall, thus cutting off a long sheath-like process. L. 0·13 in. B. 0·08. H. 0·12.