

having a specific gravity of 1.02619 at 20°.5 C. The dredge was put over at 5 P.M. with 3400 fathoms of line, and was kept down till 1 o'clock A.M. on the following morning, the ship drifting slowly. Our position at noon on the 21st was about 500 miles S.W. of Teneriffe, lat. 24° 22' N., long. 24° 11' W., Sombrero Island S. 58, W. 2220, miles. Work began early on the

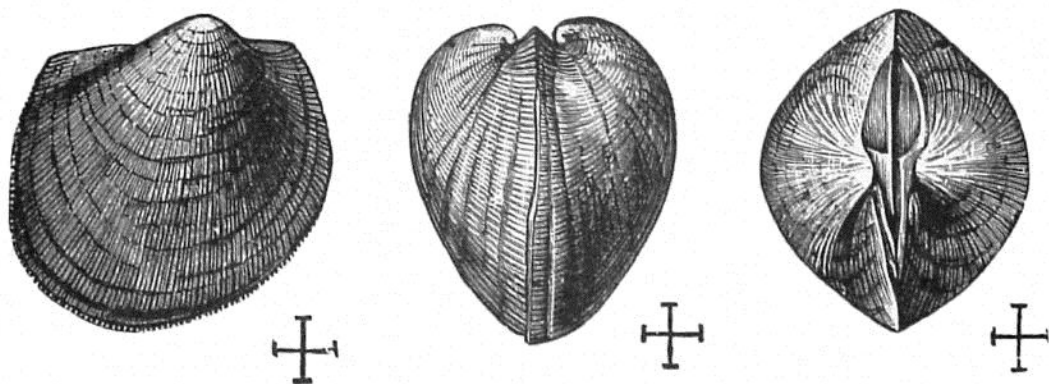


FIG. 39.—*Arca* (sp.). (No. 5.)

22d, and the dredge, which had begun its ascent at 1.15 A.M., came up at 5.45 half full of a yellowish ooze, which was not so tenacious as usual, and on the whole singularly poor in higher living things. A careful and laborious sifting of the whole mass gave us three small living mollusks, referred to the genera



FIG. 40.—*Limopsis* (sp.). (No. 5.)

*Arca* (Fig. 39), *Limopsis* (Fig. 40), and *Leda* (Fig. 41); and two bryozoa apparently undescribed. Foraminifera were abundant, many examples of miliolines being of unusually large size. Some beautiful radiolarians were sifted out of the mud. These may have been taken into the dredge on its way up; or, more probably, they may have lived on the surface or in intermediate water, and have sunk to the bottom after death, since they consist of continuous fenestrated shells of silica.