

long as the shell (its edge is described by Ehrenberg as a "canaliculus.") Feet ten to twelve, flat, triangular, vertical, about as long as the shell.

*Dimensions*.—Shell 0·04 long, 0·05 broad; horn 0·07 long, feet 0·03 long.

*Habitat*.—Fossil in Barbados.

### 5. *Petalospyris corona*, Stöhr.

*Petalospyris corona*, Stöhr, 1880, Palæontogr., vol. xxvi. p. 98, Taf. iii. fig. 13.

Shell nut-shaped, smooth, with slight sagittal stricture and very numerous small circular pores; on each side of the stricture three larger annular pores (the undermost the largest). Basal plate with three large pores only. Apical horn very small, conical. Feet twelve to eighteen, short conical, nearly vertical, shorter than the half shell (in my specimen from Caltanissetta much stouter than in that of Stöhr).

*Dimensions*.—Shell 0·07 long, 0·09 broad; horn and feet 0·01 to 0·03 long.

*Habitat*.—Fossil in Tertiary rocks of Sicily (Grotte, Caltanissetta).

### Subgenus 3. *Petalospyrissa*, Haeckel.

*Definition*.—Basal plate with four collar pores (two larger posterior cardinal and two smaller anterior jugular pores).

### 6. *Petalospyris octopus*, n. sp. (Pl. 87, fig 11).

Shell nut-shaped, tuberculate, with sharp sagittal stricture and irregular, roundish pores. Basal plate with four larger pores. Horn slender, conical, half as long as the shell. Feet eight, very slender, about three times as long as the shell, subvertical, with outer convex edge and convergent ends.

*Dimensions*.—Shell 0·06 long, 0·09 broad; horn 0·03 long, feet 0·2 long.

*Habitat*.—Tropical Atlantic, Station 342, depth 1445 fathoms.

### 7. *Petalospyris eupetala*, Ehrenberg.

*Petalospyris eupetala*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 80, Taf. xxii. fig. 4.

Shell nut-shaped, tuberculate, with slight sagittal stricture and scattered small circular pores. Basal plate with four large collar pores (sometimes surrounded by several small peripheral pores). Apical horn slender, conical, as long as the shell. Feet sixteen to twenty, laminated and truncate, of the same length, nearly vertical and parallel.

*Dimensions*.—Shell 0·06 long, 0·08 broad; horn and feet 0·05 to 0·07 long.

*Habitat*.—Fossil in Barbados.