

mainly in the form of the cephalic horn, and the cylindrical tube of the last joint. Pores subregular, circular.

Dimensions.—Length of the shell (with four joints) 0.3. Length of the single joints, *a* 0.03, *b* 0.03, *c* 0.12, *d* 0.12; breadth 0.15.

Habitat.—Western Tropical Pacific, Station 225, depth 4475 fathoms.

3. *Eusyringium macrosiphon*, n. sp. (Pl. 78, fig. 12).

Shell with four joints, thick-walled, rough. Cephalis subspherical, with a large, dimpled, conical horn of twice the length. The three following joints nearly of the same shape as in the two similar preceding species. It differs from these in the smaller size, the larger cephalic horn, and the longer tube of the fourth joint, which is twice as long as the subspherical third joint (in the figure the lower half is broken off). Pores subregular, circular.

Dimensions.—Length of the shell (with four joints) 0.3. Length of the single joints, *a* 0.03, *b* 0.03, *c* 0.08, *d* 0.16; breadth 0.09.

Habitat.—Central Pacific, Station 266, depth 2750 fathoms.

4. *Eusyringium leptosiphon*, n. sp.

Shell with four joints, thin-walled, smooth. Cephalis subspherical, with a large, dimpled, slender, conical horn of three times the length. Thorax hemispherical. Third joint ovate, four times as long as the thorax, and of the same length as the thin, cylindrical tube of the fourth joint. Differs from the three preceding species in the more slender form and the thinness of the tube. Pores irregular, roundish.

Dimensions.—Length of the shell (with four joints) 0.33. Length of the single joints, *a* 0.02, *b* 0.03, *c* 0.13, *d* 0.15; breadth 0.1.

Habitat.—Tropical Atlantic, Station 347, depth 2250 fathoms.

5. *Eusyringium siphon*, Haeckel.

Eucyrtidium siphon, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 72, Taf. ix. fig. 2.

Shell with four joints, thick-walled, smooth. Cephalis subspherical, hyaline, without pores, with a thick, conical horn of twice the length. Thorax hemispherical. Third joint ovate, four times as long as the thorax, and of the same length as the thin, cylindrical fourth joint. Pores subregular, circular, in the fourth joint twice as broad as in the third, and three times as broad as in the second joint.

Dimensions.—Length of the shell (with four joints) 0.22. Length of the single joints, *a* 0.02, *b* 0.02, *c* 0.09, *d* 0.09; breadth 0.08.

Habitat.—Fossil in Barbados.