

and the last joints are the longest, the third is the broadest. Mouth slightly constricted (broken off in Stöhr's figure). Cephalis small, subspherical, with a small, oblique, curved horn. Pores irregular.

*Dimensions*.—Length of the shell (with seven joints) 0·2; length of the single joints, between 0·02 and 0·04, breadth 0·06 to 0·08.

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

20. *Eucyrtidium stöhrii*, n. sp.

Shell smooth, spindle-shaped, gradually diminishing towards both ends, with eight to ten distinct strictures. Nine to eleven joints of different lengths; the two or three middle joints—fifth, sixth, and seventh—longer and broader than the other joints; the broadest is the fifth joint, which is twice to three times as long as the first and last joints. Cephalis subspherical, with a conical horn of the same length. Terminal mouth strongly constricted, one-half or one-third as broad as the fifth joint. Pores small, regular, circular.

*Dimensions*.—Length of the shell (with ten joints) 0·22; length of the largest (fifth joint) 0·03, breadth 0·09.

*Habitat*.—Central Pacific, Stations 270 to 274, depth 2350 to 2925 fathoms.

21. *Eucyrtidium scalarium*, n. sp.

Shell smooth, slender, ovate, with nine to ten deep strictures, and ten to eleven separate step-like joints of different lengths. The sixth joint is the longest, twice as long as the fourth, and three times as long as the third and the last joint; the seventh and eighth joints are the broadest, one and a half times as broad as the wide mouth. Cephalis hemispherical, with a short pyramidal horn of the same length. Pores small and numerous, subregular, square, in regular transverse rows; six rows in the sixth joint, three rows in the last joint. (Somewhat similar to *Spirocyrtis scalaris*, Pl. 76, fig. 14, but ovate, not conical and not spiral.)

*Dimensions*.—Length of the shell (with eleven joints) 0·22, breadth 0·11; length of the last joint 0·01, of the sixth 0·03.

*Habitat*.—North Atlantic, Station 64, surface.

Subgenus 4. *Acanthocyrtis*, Haeckel, 1881, Prodrömus, p. 437.

*Definition*.—Joints of the shell of very different lengths. Surface spiny.

22. *Eucyrtidium tricinctum*, n. sp. (Pl. 78, fig. 13).

Shell spiny, spindle-shaped, with three distinct strictures. Four joints of different lengths, the first and third half as long as the second and fourth; the third joint is the broadest, four times as