

cylindrical, divergent, three to four times as long as the shell, with few irregular lateral branches (often much more developed than in Ehrenberg's figure).

Dimensions.—Shell 0.036 long, 0.05 broad; horn 0.05, feet 0.1 to 0.15 long.

Habitat.—Fossil in Barbados.

Genus 454. *Liriospyris*,¹ Haeckel, 1881, Prodrömus, p. 443.

Definition.—Zygospyrída with six basal feet and three coryphal horns.

The genus *Liriospyris* differs from the preceding *Hexaspyris*, its ancestral form, in the possession of three coryphal horns (one odd apical in the middle, and two paired frontal horns on each side of it); it therefore bears to the latter the same relation that *Triceraspyris* does to *Tripaspyris*.

1. *Liriospyris hexapoda*, n. sp. (Pl. 86, fig. 7).

Shell subspherical, smooth, with slight sagittal stricture and irregular roundish pores; two to three pairs of large annular pores on each side of the stricture. Basal plate with four large collar pores. Three horns and six feet nearly of the same size and of similar form, conical, divergent, about one-third as long as the shell.

Dimensions.—Shell diameter 0.09 to 0.1; horns and feet 0.03 to 0.04 long.

Habitat.—Central Pacific, Stations 265 to 268, depth 2700 to 2900 fathoms.

2. *Liriospyris clathrata*, Haeckel.

Dictyospyris clathrus, Ehrenberg, 1854, Mikogeol., Taf. xxxvi. fig. 25.

Dictyospyris clathrata, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 68, Taf. xix. fig. 7.

Dictyospyris clathrata, Bütschli, 1882, Zeitschr. f. Wiss. Zool., vol. xxxvi. pp. 506, 539; Taf. xxxii. figs. 10a, 10b.

Petalospyris clathrus, Haeckel, 1862, Monogr. d. Radiol., p. 295.

Shell campanulate or nearly spherical, smooth, with slight sagittal stricture. Three pairs of large annular pores on each side of the stricture; a few smaller irregular pores on the lateral sides. Basal plate with six large collar pores (Bütschli, *loc. cit.*, fig. 10a). Three horns and six feet nearly of the same size and form; short, conical, slightly divergent or nearly parallel, shorter than half the ring. (The size of the nine appendages is in this common species rather variable; sometimes they are rudimentary, at other times much stronger than in the good figure of Bütschli.)

Dimensions.—Shell diameter 0.08 to 0.09, horns and feet 0.01 to 0.03.

Habitat.—Cosmopolitan; Mediterranean, Atlantic, Pacific; also fossil in Barbados and Sicily.

¹ *Liriospyris* = Lily-basket; λειρίον, σπυρίς.