

six to eight groups and eighteen to twenty-four pores. Proportion of the longer axis to the shorter = 6:5. Shorter axis equals twice the diameter of the inner ellipsoidal shell. Polar spines three-sided pyramidal, about as long as the equatorial axis, as broad at the base as a group of pores.

Dimensions.—Major axis of the cortical shell 0.12, minor axis 0.1; pores 0.004 to 0.012, bars 0.003; length of the polar spines 0.1, basal breadth 0.03.

Habitat.—Central area of the Pacific, Stations 271 to 274, depth 2350 to 2750 fathoms.

Genus 138. *Drupptractus*,¹ n. gen.

Definition.—Druppulida with simple ellipsoidal cortical shell and simple medullary shell, with two large opposite polar spines in the main axis of different size or dissimilar form.

The genus *Drupptractus* differs from its near relation *Lithatractus* in the differentiation of the two polar spines, which are different in size or form, often to a very considerable degree. It has therefore the same relation to the latter that *Ellipsoxiphus* bears to *Ellipsostylus*.

Subgenus 1. *Drupptractara*, Haeckel.

Definition.—Network of the cortical shell regular or subregular, with meshes of nearly equal size and similar form; surface smooth, without thorns or papillæ.

1. *Drupptractus ichthydium*, n. sp.

Cortical shell thin walled, with smooth surface and regular network. Proportion of the major axis to the minor = 3:2. Pores circular, hexagonally framed, twice as broad as the bars; seven to eight on the half equator (as in *Xiphostylus alcedo*, Pl. 13, fig. 4). Medullary shell spherical, one-third as broad as the cortical shell. Polar spines straight, three-sided pyramidal, as broad at the base as one mesh; the longer equals the main axis of the cortical shell, the shorter only its half.

Dimensions.—Major axis of the ellipsoidal cortical shell 0.18, minor axis 0.12; pores 0.01, bars 0.005; diameter of the medullary shell 0.04; length of the major polar spine 0.16 to 0.2, of the minor 0.01 to 0.12, basal breadth 0.01.

Habitat.—Mediterranean (Corfu), surface, Haeckel.

2. *Drupptractus hippocampus*, n. sp. (Pl. 16, figs. 10, 11).

Stylosphaera hippocampus, Haeckel, 1881, Atlas, pl. xvi. figs. 10, 11.

Cortical shell thick walled, with smooth surface and regular network. Proportion of both axes = 7:6. Pores circular, hexagonally lobed, three times as broad as the bars; nine to ten on the half

¹ *Drupptractus* = Spindle-like olive; δρούππα, ἀτρακτος.