

relation to that which the hornless *Tristylospyris*, among the Tripospyrida, bears to the horned *Tripospyris*. *Brachiospyris* may therefore also be derived from *Tristylospyris* by loss of the caudal foot.

1. *Brachiospyris ocellata*, Haeckel.

*Ceratospyris ocellata*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 66, Taf. xx. fig. 5.

Shell nut-shaped, thorny, with slight sagittal stricture and irregular roundish pores. Basal plate with four large and four alternate pairs of smaller pores. Two feet cylindrical, straight, divergent, two to three times as long as the shell.

*Dimensions*.—Shell 0.08 long, 0.11 broad; feet 0.2 to 0.3 long.

*Habitat*.—South Atlantic, Station 335, depth 1425 fathoms; also fossil in Barbados.

2. *Brachiospyris diacantha*, n. sp. (Pl. 95, fig. 5).

† *Ceratospyris diacantha*, Ehrenberg, 1872, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 303.

Shell nut-shaped, tuberculate, compressed in the sagittal axis, convex on the frontal face, concave on the sagittal face, with a slight sagittal stricture; with large irregular roundish pores. Basal plate with three very large pores. Two feet cylindrical, curved, S-shaped, about twice as long as the shell.

*Dimensions*.—Shell 0.06 long, 0.09 broad; feet 0.1 to 0.15 long.

*Habitat*.—Western Tropical Pacific (Philippine Sea), Station 206, depth 2100 fathoms.

Genus 447. *Dendrospyris*,<sup>1</sup> Haeckel, 1881, Prodrömus, p. 441.

*Definition*.—*Zygospyrída* with two free lateral feet, forked or branched like a tree. Apex with a horn.

The genus *Dendrospyris* differs from its ancestral form *Dipospyris* in the ramification of the two large lateral feet, which descend from the base of the shell, and are usually very large and stout, sometimes simply forked.

1. *Dendrospyris stylophora*, Haeckel.

*Ceratospyris stylophora*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 66, Taf. xx. fig. 10.

Shell nut-shaped, thorny, with subregular circular pores. Basal plate with four pores. Apical horn and the two divergent feet straight, cylindrical, larger than the shell, forked at the distal end.

<sup>1</sup> *Dendrospyris* = Basket with arborescent feet; δένδρον, σπυρίς.