

3. *Stylartus palatus*, n. sp.

Shell thick walled, thorny, with irregular, roundish pores, twice to three times as broad as the bars; fifteen to eighteen on the half equator of each chamber. On each pole of the main axis a large conical spine, surrounded by a group of ten to fifteen smaller spines, one-third to two-thirds as long as the breadth of the deep equatorial stricture.

*Dimensions*.—Length of the shell 0.14, greatest breadth 0.09; length of the polar spines 0.03 to 0.06, basal breadth 0.005 to 0.015.

*Habitat*.—Indian Ocean, Madagascar, Rabbe, surface.

4. *Stylartus penicillus*, n. sp.

Shell thin walled, smooth, with irregular, roundish pores, three to four times as broad as the bars; ten to twelve on the half equator of each chamber. On each pole of the main axis a brush-like bunch of twenty to thirty thin conical radial spines, half as long as the shell.

*Dimensions*.—Length of the shell 0.15, greatest breadth 0.1; length of the polar spines 0.08, basal breadth 0.005.

*Habitat*.—Equatorial Atlantic, Station 347, surface.

Genus 154. *Cannartus*,<sup>1</sup> Haeckel, 1881, Prodrömus, p. 462.

*Definition*.—Artiscida with two hollow polar tubes (fenestrated cylindrical or conical tubuli, opposite on the two poles of the main axis).

The genus *Cannartus* differs from *Artiscus* by the production of two opposite hollow tubes on both poles of the main axis. The cavity of the conical or cylindrical fenestrated tubes communicates freely with that of the shell; the network in both is the same. The distal end of the tubes is nearly always broken off, sometimes closed, with a conical apex. *Cannartus* can be derived either from *Pipettella* by a transverse equatorial constriction, or from *Cannartiscus* by the loss of the medullary shell, or from *Artiscus* by the production of the polar tubes.

1. *Cannartus violina*, n. sp. (Pl. 39, fig. 10).

Pores of the shell subregular, circular, twice to three times as broad as the bars; eighteen to twenty on the half meridian, fourteen to sixteen on the half equator. Shell-wall in the "tropical zone" of both halves thickened. Polar tubes nearly cylindrical, about as long as the main axis, distal ends broken off.

*Dimensions*.—Main axis 0.14, equatorial axis 0.09; meshes 0.008, bars 0.003; length of the polar tubes 0.12, breadth 0.02 to 0.03.

*Habitat*.—Pacific, central area, Station 268, depth 2900 fathoms.

<sup>1</sup> *Cannartus* = Loaf with tubes; κάρυα, ἄερος.