

size. Apical horn pyramidal, about as long as the shell. Basal coronet with twenty to twenty-five slender, lamellar, pointed, vertical feet, longer than the shell.

Dimensions.—Shell 0·11 long, 0·12 broad; ring 0·07 long; horn 0·1; feet 0·12 to 0·18 long.

Habitat.—Central Pacific, Station 268, depth 2900 fathoms.

Genus 472. *Tiarospyris*,¹ Haeckel, 1881, Prodrömus, p. 443.

Definition.—Tholospyrida with numerous basal feet (eight to twelve or more). Galea without a horn.

The genus *Tiarospyris* has probably been derived from the preceding *Sepalospyris* by reduction and loss of the free apical horn; it therefore bears to it the same relation that the similar *Gorgospyris* does to *Petalospyris*.

1. *Tiarospyris pervia*, n. sp. (Pl. 87, fig. 7).

Shell nut-shaped, smooth, with deep sagittal stricture. Cephalis on the lateral sides with numerous small roundish pores, on each side of the ring with a pair of very large holes. Basal plate with two large collar pores. Cupola flat, cap-shaped, with two large parietal pores above the ring. Coronet with eight conical, slightly divergent feet, about one-fourth as long as the shell.

Dimensions.—Shell 0·08 long, 0·1 broad; ring 0·06 long; feet 0·02 long.

Habitat.—North Pacific, Station 244, depth 2900 fathoms.

2. *Tiarospyris galea*, n. sp.

Shell helmet-shaped, with deep sagittal stricture. Cephalis with irregular, polygonal pores; on each side of the ring two pairs of larger annular pores. Basal plate with four large pores. Cupola high, conical, nearly as long as the cephalis, separated from it by a distinct coronal stricture. Basal coronet with twelve to sixteen slender curved divergent feet, nearly as long as the shell.

Dimensions.—Shell 0·16 long, 0·12 broad; ring 0·1 long; feet 0·15 long.

Habitat.—Central Pacific, Station 265, depth 2900 fathoms.

3. *Tiarospyris mitra*, n. sp. (Pl. 87, figs. 9, 10).

Shell subspherical, smooth. Cephalis on the lateral sides with small roundish, double-contoured pores, on each side of the ring with three to five pairs of larger pores, each of which is closed by a thin fenestrated lamella (different on the frontal face, fig. 9, and the dorsal face, fig. 10). Cupola flat, cap-shaped, separated by a distinct coronal stricture, with smaller pores. Basal coronet with ten to twelve short conical convergent feet.

Dimensions.—Shell 0·11 long, 0·12 broad; ring 0·04 long; feet 0·02 long.

Habitat.—West Tropical Pacific, Station 225, depth 4475 fathoms.

¹ *Tiarospyris* = Basket with a cap; τιάρα, σπυρίς.