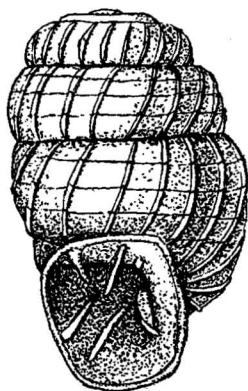


A New Species of *Lyropupa* from Hawaii

By C. MONTAGUE COOKE, JR.

Lyropupa truncata, n. sp.

THE shell is rimate, sinistral, cylindrical, dark brown, clathratulate, with about 14 well developed lamelliform costæ on the last whorl (between the costæ 5-8 minute striæ) and with 3-4 raised spiral striæ on each whorl. Spire cylindrical, apex almost flat, giving the shell a truncate appearance.



Suture simple, depressed. Whorls 5, the embryonic without transverse costæ but with numerous minute close spiral striæ, increasing rather rapidly, the rest convex, clathratulate, increasing slowly, the last slightly narrower than the penultimate, with two distinct longitudinal depressions corresponding to the palatal plicæ. Aperture perpendicular, quadrate ovate, with 7 folds, viz.: three parietal lamellæ,—the angle lamella slightly arcuate, extending nearly to the margin of the peristome, the parietal a little deeper situated, strongly

developed, and a minute dentiform infraparietal lamella; a deeply situated but well developed columella lamella; three nearly parallel palatal plicæ,—the lower palatal extending nearly to the peristome, the upper palatal more deeply situated and a very short deeply situated basal plica. Peristome continuous, slightly expanded. Length 2.6, diam. 1.66, length of ap. 1.1, diam. of ap. 1.0 mm.

Hawaii: Kohala Mts. (Thaanum).

Type No. 15,411, Bishop Museum Coll.

This is one of the most distinct species of *Lyropupa* so far reported. In fresh specimens this species is distinctly clathratulate, as are, also, *L. lyrata* Gld., from West Maui (*nec L. lyrata* (Gld.)

Ancey, from Hawaii) and *L. clathratula* Anc., from Hawaii. The transverse striæ are strongly developed, with cuticular margins which are easily broken. As in *L. clathratula*, the spiral striæ are cuticular and are probably deciduous. The apex is almost flat, giving the shell a somewhat truncate appearance. The aperture is furnished with more lamellæ and plicæ than any other species of the genus so far reported.

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