

support the strongish ligament, also just in front of the apices. The interior of the valves is opaque-white, hardly at all glossy, and rather rough through being somewhat punctate and irregularly striate. The anterior muscular impression is very long, with a jagged outline, and falls partly within the subpunctate pallial line. The hinder scar is much smaller, and somewhat coarsely striated.

Length $15\frac{1}{2}$ mm., height $14\frac{1}{2}$, diameter 8.

Habitat.—Station 316, off the Falkland Islands, in 3 to 5 fathoms; mud.

Lucina plicifera (A. Adams), from Borneo, is somewhat like this species in form, having a radiating depression down each side, but is more strongly concentrically ridged, and has a single anterior lateral tooth in each valve, whilst *Cryptodon falklandicus* is totally edentate.

Cryptodon rufolineatus, n. sp. (Pl. XIV. figs. 4-4a).

Testa inæquilateralis, modice convexa, rotundata, albida, apices versus dilute rufescens, lineis pallide rufis paucis radiata, sublævigata, striis incrementi tenuibus sculpta, antice infra umbones sublunulata. Pagina interna dilute rufescens, haud nitida, radiatim substriata. Cardo tuberculo parvo in utraque valva instructus; ligamentum angustum, parvum, in sulco infra marginem dorsalem situm.

This is a roundish species, but rather longer than high, and narrower and more pointed in front than behind. It is moderately globose, somewhat inequilateral and glossy, whitish, marked at intervals with narrow subpellucid zones, reddish towards the umbones, and ornamented with a few pale red rays. The front dorsal margin is faintly concave and sloping, the posterior being longer, nearly straight, and less oblique. There is a slight lunular depression, which is not, however, clearly circumscribed. The hinge is almost toothless, there being only a small tubercular prominence beneath the beak, probably in both valves, although I have but a single left valve from which to judge. The ligament is totally internal, small, and located in a narrow groove under the posterior dorsal edge. The interior of the valves is not glossy, except near the outer flattish margin. It is faintly tinged with red near the central part, and exhibits, in a slight degree, the external rays, and is radiately substriated. The front muscular scar is rather large, and, as usual, falls within the pallial line.

Length 6 mm., height 5, supposed diameter of the perfect specimen 3.

Habitat.—Off Levuka, Fiji, in 12 fathoms.

This is a pretty little species, judging from the single valve at hand, which, however, is probably not full grown, and remarkable for being rayed with colour, a very unusual feature in shells belonging to the Lucinidæ.