

Habitat.—Dredged in 40 fathoms among the reefs off Honolulu, Sandwich Islands.

In form this species is somewhat like *Lucina quadrata*, Angas, but has a different style of sculpture, the concentric ridges being further apart, the radiating liræ more distinct, and the inner margin of the valves consequently denticulate. The hinge-characters are the same in both.

Lucina (Codakia) fijiensis, n. sp. (Pl. XIII. figs. 9–9a).

Testa paulo obliqua, irregulariter rotundata, mediocriter convexa, alba, ante umbones aliquanto excavata, postice subdepressa, liris tenuibus numerosis radiantibus aliisque concentricis gracilioribus magis remotis cancellata. Dens cardinalis unicus in valva dextra conicus, medianus; posticus lateralis erectus, intra marginem situs, anticus nullus. Ligamentum internum obliquum, profunde infra marginem dorsalem posticum locatum. Pagina interna haud nitida, punctulata, ad marginem subtiliter denticulata. Cicatrices magnæ; pallii sinus simplex.

This species is a little oblique, more or less rounded, moderately convex, white, exhibiting a small lunular excavation and a slight depression down the posterior side at a little distance from the margin. The sculpture consists of numerous very fine radiating liræ, which are crossed by others still more slender and rather further apart. These towards the hinder side are, except in the faint depression, a little lamelliform. The umbones are smooth, moderately prominent, curved over towards the anterior side, and not very acute. There is in the right valve a single conical erect cardinal tooth situated just below the tip of the beak, having on each side a deepish pit which apparently indicates the presence of two cardinals in the left valve, at present unknown. On the posterior side there is a moderately elongate lateral tooth, separated from the outer margin by a deepish furrow. The ligament, which is internal, is deeply located in a long narrow groove running obliquely from near the apex beneath the hinder dorsal line. The inner surface of the valve is dull, without gloss, exhibiting a considerable number of minute shallow punctures not arranged apparently in any particular order. The outer margin is finely denticulated, the number of teeth being nearly one hundred. The muscular scars are rather large and the pallial line simple.

Length $5\frac{1}{2}$ mm., height 5, diameter 4.

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

Lucina (Codakia) sp. juv.

Habitat.—Amböina, in 15 to 20 fathoms.

As but a single valve, $2\frac{1}{2}$ mm. in length, was obtained, which has the appearance of being but the young state of some larger species, I refrain from naming it, although