

The ligament is subexternal in part and partly internal. The former portion is linear and extends all along the hinder dorsal margin, and is partly concealed by the right valve overlapping the left. The internal portion is not nearly so long, also linear and slightly divergent from the other. The anterior muscular scar is very deep, whilst the posterior and the pallial line are not noticeable. The interior is dull pearly, and obsoletely substriated in a radiating manner.

Length 10 mm., height $10\frac{1}{4}$, diameter 8.

Habitat.—Station 122, off Pernambuco, Brazil, at a depth of 350 fathoms; also Station 24, off Culebra Island, West Indies, in 390 fathoms.

This species is very remarkable on account of the peculiar character of its sculpture, its ventricose form, and broad rounded upper angles. I have named it in remembrance of the late Searles Wood, author of the genus *Verticordia*.

Verticordia quadrata, n. sp. (Pl. XXV. figs. 8–8b).

Testa quadrata, inæquilateralis, albida, minute granulata, radiatimque obsolete lirata; margo dorsi utrinque declivis, antice valde concavus, brevis, postice longior, vix excurvatus, subrectus, rotundato-angulatim in latera ambiens. Margo ventris subangulatim rotundatus, utrinque subrecte adscendens. Lunula cordata, valde excavata. Umbones prominentes, antice bene incurvati. Pagina interna albo-margaritacea, nitida. Cicatrix anterior profunda, postica inconspicua.

This species is of a peculiar square form, three of the sides being subequal in length and the fourth shorter. It is dirty whitish, everywhere covered with a fine granulation, faintly radiately lirated, decidedly inequilateral, and moderately convex. The anterior dorsal margin is very concave beneath the beaks and rather oblique, the posterior being much longer, nearly rectilinear, and equally sloping. The sides converge towards the base, are straightish (or the posterior is faintly incurved at the middle), run into the ventral outline in a rather sudden rounded curve, and join the dorsal margins in rounded angles. The umbones are moderately prominent, much curved over upon the deeply sunken cordate lunule, and located about one-third of the length from the anterior end. The interior is pearly white, and exhibits a deep anterior muscular scar and two minute pits beneath the lunule (in the left valve), the posterior impression being indistinct. The ligament is partly marginal and partly contained in a narrow groove within the margin. The hinge-line in the left valve is apparently toothless.

Length 7 mm., height $6\frac{1}{2}$, diameter 5.

Habitat.—Station 85, off Palma, Canaries; depth, 1125 fathoms; volcanic mud.

This species is finely granulose, like *Verticordia woodii*, but is smaller, more solid,