

ochraceous or brownish-ochre colour, leaving triangular white spots among them. Sometimes the lower portion of the valves have angular zig-zag lines, displaying a somewhat irregular transverse arrangement.

This species was not recognised by Römer at the time he wrote his monograph, but I am inclined to think he may have described it under another name. His *Cytherea soligena* must be very closely allied to, if not identical with, this species. Although no mention is made of a brown stain within the valves at the umbones, in the copy of his monograph before me, figure 1b exhibits, in front of the beaks, a purplish blotch as seen in *Cytherea hebræa*, which is indicative of the mark within. Römer's shell is very like the specimen figured by Reeve, but a little higher, and has the same character of markings as the single valve obtained by the Challenger Expedition. *Cytherea pellucida*, Lamarck, approaches very closely to this species, but may be distinguished by the absence of the internal brown blotch, the presence of a dark stain on the lunule, the brown wavy lines upon it at times crossing the incised line which surrounds it, and a more deeply sinuated pallial line, the sinus extending almost if not quite to the centre of the valves. The style of markings and colour is very similar, and the hinge, about the same in composition, is not quite so stout as in *Cytherea hebræa*. Care must also be taken not to confound *Cytherea hebræa* with *Cytherea varians* of Hanley, a species found on the coast of Brazil. This shell is more acuminate in front, more strongly striated, has a brown spot upon the otherwise white lunule immediately under the umbones, a stouter hinge, a different style of painting, and no stain in the interior at the beaks.

*Cytherea (Caryatis) coxeni*, Smith (Pl. I. figs. 7-7e).

*Cytherea (Caryatis) coxeni*, Smith, Report of the "Alert" Mollusca, p. 95, pl. vii. figs. A-A<sup>2</sup>.

Testa parva, inæquilateralis, trigono-ovata, utrinque subacuminata, mediocriter convexa, alba, lineis tenuibus paucis punctisque pallide rufis ornata, striis sulcisque concentricis angustissimis exarata. Margo dorsi utrinque valde declivis, postice arcuatus, antice subrectus, brevior; margo ventralis late curvatus, ad latus anterius oblique ascendens. Umbones parvi, modice acuti, albi, aut dilute rufescentes, incurvati. Lunula elongato-cordata, incrementi lineis striata, vex depressa, in medio paulo elevata, linea impressa succincta. Area nulla. Cardo fortis, dente mediano valvæ sinistræ crasso, laterali magno, elevato, parum compresso. Cicatrix antica ovato-pyriformis, postica rotundior, major. Sinus pallii subquadratus, superne oblique truncatus.

This species is longer than high, ovate-subtrigonal, very inequilateral, moderately convex, white, marked at intervals with narrow subpellucid zones, and ornamented with very fine, somewhat angular lines and dots of a light red or brown colour. This