

fere obsoletis. Margo dorsi anticus rectiusculus, declivis, posticus paulo magis obliquus, levissime excurvatus. Margo inferior antice inque medio arcuatus, prope extremitatem posticam ad terminum impressionis latæ ab umbone radiantis conspicue sinuatus. Area dorsi postica lata, porca rotundata marginata, prope medium porcam parvam minus conspicuam exhibens. Linea cardinis crassa dentibus ad 20 elongatis acutis munita.

This small species is about equilateral, ovate-triangular, rounded in front and acutely peaked behind. It is rather convex and solid, exhibits a shallow radiating depression down the posterior side, is whitish, glossy, and sculptured with rather strong concentric liræ which are attenuated and somewhat obsolete on both sides. The front dorsal margin is straightish and moderately oblique, the posterior a trifle more sloping and very faintly excurved, and the lower outline is gently convex in front and at the middle, but conspicuously sinuated at the beaked end. The hinge-plate is strong, and armed with about twenty long, sharp teeth, of which there are one or two more behind the cartilage-pit than in front.

Length $4\frac{1}{2}$ mm., height 3, supposed diameter of perfect shell $2\frac{1}{2}$.

Habitat.—Station 120, off Pernambuco, in 675 fathoms; red mud.

I have ventured to describe this species from a single valve only, as its form is peculiar, and the sculpture well marked.

Leda jeffreysi, Hidalgo.

Leda lata, Jeffreys, Ann. and Mag. Nat. Hist., 1876, vol. xviii. p. 431.

Leda jeffreysi, Hidalgo, Moll. Marin. Espana, p. 136; and Journ. de Conch., 1877, vol. xxv. p. 396.

Leda jeffreysi, Jeffreys, Proc. Zool. Soc. Lond., 1879, p. 579, pl. xlvi. fig. 2.

Leda jeffreysi, Dall, Bull. Mus. Comp. Zoöl., vol. ix., No. 2, p. 124.

Habitat.—Station 78, off the Azores, in 1000 fathoms; and Station 344, off Ascension Island, in 420 fathoms.

The specimens from the latter locality are more pointed anteriorly than those from Station 78, approaching in outline *Leda lenticula*, Möller, a nearly related species.

Leda hebes, n. sp. (Pl. XIX. figs. 7–7a).

Testa ovata, postice acuminata, antice acute rotundata, mediocriter convexa, inferne late curvata, nitida, alba, concentricè tenuiter striata. Margo dorsi anticus declivis, paulo convexus, posticus longior, subrectus, æqualiter obliquus. Lunula inconspicua, angusta, marginata; area postica latior, utrinque carinata, carina altera graciliori utrinque medium instructa. Linea cardinis modice valida, dentibus circiter decem anterioribus, tredecimque posticis instructa.