

APPENDIX II.

Since receiving the specimens described in the preceding Appendix, a few others have been forwarded to me for examination. They consist of a *Malletia*, a *Leda*, a *Glomus*, one *Limopsis*, two species of *Arca*, and a *Spondylus*. They are of special interest in coming from Stations from which Lamellibranchs have not previously been reported, and all, excepting the *Limopsis* and the *Arcae*, are new and very interesting species.

Malletia dunkeri, n. sp.

Testa parva, inaequilateralis, nitidissima, iridescens, semipellucida, tenuissima, vix concentric striata, oblonga, antice angustata, acute rotundata, postice latior, subquadrate arcuata. Margo dorsi anticus brevis, declivis, vix arcuatus, posticus longior, rectiusculus, horizontalis; margo inferior late curvatus. Umbones parvi, albidii, aliquanto obtusi, circa in $\frac{1}{3}$ longitudinis collocati. Dentes cardinis ad sedecim in utraque valva, haud acuti. Ligamentum externum angustum, lineare.

This species is considerably inequilateral, excessively thin, semitransparent, highly glossy, iridescent, and exhibits but very faint lines of growth. It is longer than high, narrower and more sharply rounded in front than behind. The front portion of the dorsal margin is short, very sloping, and a little excurved. The posterior side is much longer, horizontal, and also only very little arcuate. The ventral outline is widely curved, and ascends obliquely behind rather further than in front, so that the posterior extremity is higher up than the anterior. The beaks are rather obtuse, very little prominent, opaque white, and situated at less than a third the length of the shell from the anterior end. The hinge consists of about sixteen squarish-topped teeth in each valve, of which about ten are behind the umbones and the rest in front, and, owing to the thinness and transparency of the shell, are clearly visible when the valves are closed. The ligament is very slender, and, commencing between the beaks, extends a short distance behind them.



Malletia dunkeri, n. sp.

Length 5 mm., height $3\frac{1}{2}$, diameter $2\frac{1}{3}$.