

*Yoldia*, Möller.

*Yoldia lischkei*, n. sp. (Pl. XX. figs. 4–4b).

Testa mediocriter convexa, tenuis, paulo inæquilateralis, oblonga, utrinque hians, antice acute rotundata, postice sursum subrostrata et radiatim haud profunde impressa, incrementi lineis tenuibus, hic illic paucis fortioribus, sculpta, epidermide flavescenti-olivacea, colore saturatori sparsim zonata, amicta. Margo dorsi anticus declivis, leviter arcuatus, posticus longior, fere horizontalis, paulo concavus. Margo ventris late arcuatus, integer. Lunula elongata, angusta, impressa, in medio prominens. Area postica latior, in medio producta, margine acuto circumdata. Umbones parum elevati, paulo antemediani, postice inclinati. Linea cardinalis mediocriter fortis, dentibus numerosis erectis instructa. Fossa ligamenti lata, haud profunda, inferne arcuatim marginata. Pagina interna alba, concentrice plus minusve pellucido-cæruleo zonata. Sinus pallii profundus, latus, rotundatus, paulo ante medium extendens.

Length 29 mm., height 17, diameter 11.

*Habitat*.—Station 232, off Inosima, Japan, in 345 fathoms; green mud.

This species very closely resembles *Yoldia japonica* of Adams and Reeve, but is, I think, distinct.

That species is a smoother shell, of a paler colour, more convex, more inequilateral, the posterior side being longer in proportion to the anterior; also it is not so high, and consequently has a longer and more cylindrical appearance. The present species has a faint radiating depression down the hinder side, which does not exist in *Yoldia japonica*, the posterior dorsal area is more prominent along the middle, and the ligament-pit is broader, not so deep, and less projecting inwards. From a conchological point of view, the genera *Leda* and *Yoldia* appear to pass gradually into one another, the extent of the gape at one or both ends, the depth of the pallial sinus, &c., varying to any extent in a large number of species.

*Yoldia isonota*, Martens (Pl. XX. figs. 5–5b).

*Yoldia isonota*, Martens, Sitzungsber. Gesellsch. naturf. Freunde, Berlin, 1881, p. 79.

Testa transversa, convexa, æquilateralis, antice acute rotundata, postice superne subnasuta, in medio sinuata, impressione radiante notata, incrementi lineis costiformibus in impressione posteriori flexuosis sculpta, epidermide crassiuscula, flavo-olivacea, supra costellis saturatissima, induta. Margo dorsi utrinque vix declivis, postice rectus, antice levissime excurvatus. Margo ventralis late arcuatus. Lunula nulla. Area postica aliquanto indistincta, leviter impressa, elongata, angusta. Linea cardinis mediocriter valida, dentibus ad septendecim acutis utrinque munita. Fossa ligamentalis profunda, paulo intus projecta. Pagina interna nitida, iridescens, albido cæruleoque zonata, plus minusve flavo tincta.