

beyond the dorsal line, and situated rather in front of the centre of it. The hinge-line is slender and finely dentate nearly from end to end, some of the denticles near the middle being the smallest, and a few at the posterior extremity the largest. The interior is glossy, but hardly pearly, the muscular scars being indistinct.

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

Habitat.—Station 24, off Culebra Island, West Indies, in 390 fathoms ; Pteropod ooze.

This curious species is not "nacreous" like the type of the genus *Idas*, and of a very different form. I cannot discover in any of the odd valves (no complete specimen was obtained) any trace either of an internal or external ligament. It is, I expect, of a very slight character, and marginal.

Dacrydium, Torell.

Dacrydium vitreum (Möller).

Modiola (?) vitrea, Möller, Ind. Moll. Grönl., p. 19.

Dacrydium vitreum, Torell, Spitzbergens Molluskenfauna, p. 138, pl. i. figs. 2, *a*, *b*.

Dacrydium vitreum, Jeffreys, Ann. and Mag. Nat. Hist., 1876, vol. xviii. p. 429.

Dacrydium vitreum, Jeffreys, Proc. Zool. Soc. Lond., 1879, p. 569.

Dacrydium vitreum, Sars, Moll. Reg. Arct. Norv., p. 28, pl. iii. figs. 2, *a*, *b*.

Habitat.—Stations 73 and 78, west and east of the Azores, in 1000 fathoms.

For the synonymy and distribution of this species reference should be made to the above quoted papers by the late Dr. Gwyn Jeffreys.

Dacrydium occidentale, n. sp. (Pl. XVII. figs. 1-1*a*).

Testa *Dacrydio vitreo* similis, sed magis quadrata, margine inferiori magis incurvato, dorsali minus convexo.

This species resembles *Dacrydium vitreum* in colour, texture, sculpture, and hinge, but appears to be constant in its difference of form. It is not quite so convex, has a less peaked anterior end and a more oblong-squarish appearance, the margin behind the umbones being less sloping backwards, the arcuation at the middle less prominent, and the ventral outline more concave.

Length $4\frac{1}{2}$ mm., height $2\frac{2}{3}$, diameter $1\frac{2}{3}$.

Habitat.—Station 24, off Culebra Island, West Indies, in 390 fathoms ; Pteropod ooze.

Dacrydium meridionalis, n. sp. (Pl. XVII. figs. 2-2*a*).

Testa tenuis, alba, irregulariter subpyriformis, mediocriter inflata, liris tenuibus concentricis aliisque paucis radiantibus cancellata, striis incrementi sculpta. Umbones parvi, ad apicem obtusi, peculiariter clypeati. Margo cardinalis mediocriter elongatus, rectus, inferior late rotundatus. Latus anticum leviter incurvatum, posticum excurvatum.