

mediana lata sculpta. Umbones centrales, ad apicem lævigatum haud acuti, supra marginem dorsalem vix producti. Pagina interna nitida, sculpturam externam exhibens.

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

Habitat.—Station 23, off Sombrero Island, West Indies, in 450 fathoms; Station 24, off Culebra Island, in 390 fathoms.

This interesting little species is readily recognisable by the almost total absence of radiating sculpture, and the very slender concentric lamellæ. The radiating liræ which do exist are very faint, and occur only down the central portion of the valves, giving the laminæ a somewhat frilled appearance. The auricles are equal and scarcely defined, the lateral margins of the valves being regular and faintly curved at the upper part, and not constricted.

Lima sarsii is more distinctly radiately ribbed, is said to have the hinge-plate "bluntly but distinctly crenulated across," and the front margin "strongly crenate and notched within," features not occurring in the present species.

Family PECTINIDÆ.

Pecten, Müller.

Pecten asperrimus, Lamarck.

Pecten asperrimus, Lamarck, Anim. sans vert., ed. 2, vol. vii. p. 145.

Pecten asperrimus, Reeve, Conch. Icon., vol. viii. pl. xx. fig. 75.

Pecten asperrimus, Sowerby, Thes. Conch., vol. i. p. 75, pl. xvii. fig. 156 (157 and 158).

Juv. = *Pecten australis*, Sowerby (*non* Philippi), *op. cit.*, p. 76, pl. xix. figs. 219, 220.

Pecten australis, Reeve, *loc. cit.*, pl. xxv. figs. 103, *a, b*.

Habitat.—Station 162, off East Moncœur Island, Bass Strait, in 38 fathoms.

In the young state the rays of this species consist of a central ridge and two finer liræ, one on each side, all very finely squamate as in *Pecten australis*. At maturity the liræ usually number three on each side. The closely allied *Pecten prunum*, Reeve, has a broader central ridge to the rays, which in consequence look rounder, and the auricles are larger. Like many other *Pecten*s, this is also variable in colour, in some instances being of a plum colour, in others orange or scarlet. The Challenger specimens are uniformly reddish-orange.

Pecten patagonicus, King.

Pecten patagonicus, King, Zool. Journ., vol. v. p. 337.

Pecten patagonicus, Sowerby, Thes. Conch., vol. i. p. 54, pl. xiii. fig. 16.

Pecten patagonicus, Reeve, Conch. Icon., vol. viii. pl. xxvi. fig. 110.

Pecten patagonicus, Smith, Proc. Zool. Soc. Lond., 1881, p. 44.

Juv. = *Pecten rufiradiatus*, Reeve, *op. cit.*, pl. xxxii. fig. 147.

? = *Pecten australis*, Philippi, Wiegmann's Archiv f. Naturgesch., 1845, p. 56.

Habitat.—Station 312, South Patagonia, in 9 fathoms; and Station 315, Falkland Islands, in 12 fathoms.