

as broad as long ; front margin regularly rounded in most specimens, but somewhat pointed in the centre in others. Ventral valve strongly convex, very tumid, prominent, and rounded or obtusely angulated along the median line, and narrowing rapidly to the margin on both sides, but devoid of a distinctly defined mesial fold, its umbo prominent and rather broad, and its beak so strongly recurved as almost to touch that of the opposite valve. Fissure rather large, triangular, a little higher than broad, completely covered by the recurved beak and visible only when the beak is broken off. Dorsal valve much flatter than the ventral, gently and uniformly convex, or flattened with a faint longitudinal depression in the centre, its beak small, rather narrow and slightly incurved.

Surface marked by very numerous, closely disposed, rounded and but slightly elevated radiating raised lines, which are crossed by smaller, more close set and irregularly disposed concentric raised lines, as well as by a few distant and more or less imbricating lines of growth. The radiating raised lines, which are rather irregular in their arrangement and unequal in size, increase so rapidly by division that as many as from sixty to one hundred or more of them can be counted around the front margin of an adult specimen, though, on account of its greater convexity, there is always a larger number on the ventral valve than on the dorsal.

Septum of the ventral valve well developed, comparatively thick but very short, occupying less than one fourth of the entire length in some specimens, but a little longer in others, though rarely or never exceeding one third of the total length. Septa of the dorsal valve thin, feebly developed and almost rudimentary, very slightly divergent and much shorter than the ventral septum. Muscular and vascular impressions unknown. Interior of the valves rather minutely papillose.

Dimensions of the specimen figured ; maximum length, eighty seven millimetres, greatest breadth, fifty nine mm. ; maximum height or depth through the closed valves, fifty