

suture) is sharp; the second and third are more raised, prominent, blunt, and each about one fourth as wide as the interspace; the fourth is a little nearer the third, less prominent and narrower; the fifth is nearer the fourth by about half the distance between fourth and third and is about half as wide as the fourth.

Following the outline of a vertical section through the body whorl, the shell is seen to be slightly angulated; from suture to outer edge of first costa the line is straight and at right angles to the axis; a straight line taken from first to third costa would make an angle of about 23° with the axis; the projection of the second costa beyond this line gives a slight convexity to this spiral belt of the whorl; the outer edges of the third, fourth and fifth costae are more nearly in line with each other and this line is nearly parallel with the axis of the shell, its inclination toward the base being but slight; from the fifth rib the surface approaches the axis by another flattened belt, at an angle of about 45° ; the final approach to the axis is lost. The intercostal spaces are concave, the amount of concavity increasing markedly as the lower costa is approached, giving a rather horizontal surface to the upper portions of the stronger costae or in certain lights making this upper edge appear slightly reflexed. The suture lies at the base of the nearly vertical, spiral belt or just under the fourth costa and is thus situated at the apex of a clearly cut right angle, two sides of which are formed by the flattened belts already described. The shell is faintly marked with transverse striae the more prominent of which are about 2mm apart; between these a still fainter line can in many places be distinguished; their direction is at first very nearly perpendicular to the suture and on the body whorl they appear to run gently backward from the fourth costa; they are more easily seen above the suture and here seem to be nearly vertical across and beyond the fourth costa; finer growth lines may be detected.

A little more than the first whorl of this specimen is somewhat Natica-like, not angulated, destitute of costae, and the apical angle is more obtuse being about 90° . The transverse striae seem to appear first and are present on the second whorl. The vertical and horizontal flattened belts are present on the third whorl and the first,