

19. *Pleurotoma (Surcula) goniodes*,¹ Watson (Pl. XX. fig. 5).

Pleurotoma (Surcula) goniodes, Watson, Prelim. Report, pt. 8, Journ. Linn. Soc. Lond., vol. xv. p. 394.

Station 320. February 14, 1876. Lat. 37° 17' S., long. 53° 52' W. South-east of the Rio de la Plata. 600 fathoms. Green sand. Bottom temperature 37·2°.

Shell.—High, narrow, biconical, subscalar, with a long, unconstricted base and a subequal-sided snout, angulated, with an expressed keel, and with regular fine spiral threads all over. *Sculpture*: Longitudinals—there are only fine, regular, close, hair-like lines of growth. Spirals—in the middle of each whorl is a strong angulation formed by the straight drooping line of the shoulder and the straight contracting line down to the inferior suture; the angulation is pinched out into a sharp round-edged keel; there are fine sharpish threads on the whole surface pretty equally distributed and of equal strength; of these there are on the penultimate whorl below the keel about 6; they are parted by flat broadish intervals, strongly scored with the lines of growth. *Colour* white under a yellow epidermis. *Spire* high, narrow, conical, with profile-lines interrupted by the straight-lined contraction of the shell between the keels of the successive whorls. *Apex* (eroded) small and rounded. *Whorls* 6–7; their profile consists of two straight lines meeting in the keel which bisects the whorls; above is a slowly sloping shoulder, and below a gradual contraction to the suture; the last whorl is scarcely convex on the conical base, which contracts with great regularity to the long, nearly equal-sided snout. *Suture* fine, linear, but well defined. *Mouth* club-shaped, being rhomboidal above, with a long narrow canal below. *Outer lip* high-arched and then straight along the canal; its edge retreats at once to the left, and forms a remote, deep, rounded sinus in the shoulder above the keel; below this it sweeps out into a high and prominent shoulder. *Inner lip* little concave at the junction of the body and pillar, which is straight above, but towards the point is obliquely cut off with a long, narrow, twisted edge, and bends a good deal to the left. H. 0·9 in. B. 0·38. Penultimate whorl, height 0·16. Mouth, height 0·51, breadth 0·22.

This is a stumpier form than *Pleurotoma leucotropis*, Adams and Reeve, with a more conical and less constricted base, and shorter and more bent snout. From *Pleurotoma oxytropis*, Sow., while differing, of course, still more markedly in most of these points, it differs yet more in sculpture. Though a much smaller and narrower form and with a more conical and less tumid base, it is in a general way very like *Pleurotoma circinata*, Dall; but that is destitute of the spiral sculpture on the shoulder, which seems also to be the case with *Pleurotoma kennicottii*, Dall, a smaller form than *Pleurotoma circinata*, and which is also distinguished by a double keel on the last whorl.

¹ γωνιώδης, angular.