

54. *Trochus (Margarita) dnopherus*,<sup>1</sup> Watson (Pl. V. fig. 3).

*Trochus (Margarita) dnopherus*, Watson, Prelim. Report, pt. 4, Journ. Linn. Soc. Lond., vol. xiv. p. 711.

Station 122. September 10, 1873. Lat. 9° 5' S., long. 34° 49' W. Off Pernambuco. 350 fathoms. Red mud.

*Shell*.—Depressedly conical, rather strong, semi-transparent, of a dark pearly iridescence. *Sculpture*: There are spiral ridges, strong, five above the base; the first is close to the suture, and is exquisitely beaded from the middle of the second whorl; the beads are about thirty-five on the last, twenty-two on the penultimate whorl. The second ridge is remote from the first, and forms a shoulder to the whorls. The third, fourth, and fifth occupy the periphery, which is carinated by the fourth till close up to the mouth, when the fifth forms the carina. Four fine threads, of which the first is partially beaded, lie in the flat between the first and second ridges; two between the second and third; one between the third and fourth. Below the fifth ridge is a flat furrow narrower than the rest; below the furrow is a sixth ridge, slighter than the others; and then the base is closely covered with eleven spiral threads, which tend to become stronger and wider apart near the umbilicus. The first three ridges alone appear on the upper whorls. Longitudinally the whole surface is sharply scored by the lines of growth. *Colour* a ruddy brownish white, shot with a purple and green iridescence. *Spire* depressedly scalar. *Apex* bluntly mammillated by the somewhat shapeless, round, largish, glassy, ruddy, embryonic whorl. *Whorls*  $4\frac{1}{2}$ , of rather rapid increase. *Suture* somewhat faint. *Mouth* oblique, roundish, being slightly peaked above and a little angulated on the pillar. *Outer lip* sharp but not thin, brilliantly iridescent within. *Inner lip* very much thickened by a pearly pad, which is very thick below where it envelops what might otherwise have been a tooth on the point of the pillar. The pad is thinner in the middle of the pillar, and thickens again at the junction with the body-whorl, on which it thins out quickly. The lip here is very slightly reflected on the umbilicus. *Umbilicus* very small and contracted, not so much by the reflection of the inner lip as by the pillar being bent round across it. *Operculum* very thin, yellow, horny, with about eleven very faintly defined turns. H. 0·28 in. B. 0·37, least 0·26. Penultimate whorl, 0·08. Mouth, height 0·2, breadth 0·2.

This species has a close general resemblance to *Margarita obscura*, Couth., but that is smaller, of slower increase, has an open umbilicus, is very dull in colour, and has much fewer spirals, besides which the whole minute system of spirals is different; the tubercled spiral, in particular, is the second, not the first, as here, and is not close to the suture. Than *Margarita poculosa*, Gould, which it resembles in its style of spirals, this is more discoidal, and is especially more tabulated below the suture; the angulation here is on the upper, not on the lower part of the whorls, and in that the infra-sutural thread is not beaded.

<sup>1</sup> *διοφιρός*, dusky.