

*Pecten noronhensis*, n. sp. (Pl. XXI. figs. 4-4b).

Testa paulo inæquivalvis, convexa, inæquilateralis, alba, aurantio vel saturato-roseo maculata, costis ad 17 valde prominentibus instructa; costæ valvæ dextræ interstitiis profundis pulcherrime transversim lamellatis latiores, lævigatæ; valva sinistra costis paulo gracilioribus, interstitia æquantibus, lira mediana tenui bipartitis instructa, undique et supra et inter costas tenuissime lamellata. Auriculæ inæquales, radiatim tenuiter costulatæ. Pagina interna purpurascens, albo limbata, vel omnino alba.

This species is somewhat inequivalve, the right valve being a trifle deeper than the left. It is rather convex, and inequilateral, and has an apparent obliquity, owing to the hinder slope from the umbones being longer than the anterior. It is white, and more or less copiously blotched with orange or deep rose. The valves are differently sculptured. The right has the ribs (about seventeen in number) smooth above, and broader than the deep intervening sulci, which are most beautifully ornamented with close and excessively delicate concentric lamellæ. In the left valve the ribs about equal the furrows in width, are divided into two parts by a fine central lira, and are crossed by the very delicate lamellæ which also occur in the sulci. The ears are unequal. In the left valve both are concave at the sides, especially the front one, which is the smaller. In the right valve the posterior is incurved laterally, and the anterior is deeply cut in underneath and ornamented with about five squamate ridges. The interior of the largest specimens is purple, with the exception of a narrow white border, but smaller specimens are entirely colourless within.

Length 27 mm., height 26, diameter 12.

*Habitat.*—Station 113A, off Fernando Noronha, in 25 fathoms; volcanic sand and gravel.

This species is considerably like *Pecten gibbus*, Linn., but may be recognised by the following differences. Judging from the few specimens at hand, it appears to be rather more convex, more inequilateral, the ribs are stouter, fewer, more elevated and sharply cut, and differently sculptured, and the posterior auricles are less oblique at the side and more concave.

*Pecten philippii*, Récluz.

*Pecten philippii*, Récluz, Journ. de Conch., 1854, vol. iv. p. 52, pl. ii. figs. 15, 16.

*Pecten philippii*, Petit. Cat. Moll. Test. Europe, pp. 79, 200.

*Pecten philippii*, Hidalgo, Moluscos Marin. Espana, pl. xxxii. fig. 2.

*Pecten philippii*, Weinkauff, Conchyl. Mittelm., vol. i. pp. 251, 300.

*Pecten commutatus*, Monterosato, Poche Note Conch. Medit., 1875, p. 6.

*Habitat.*—Station 75, off the Azores, in 450 fathoms; volcanic mud.