

Station 208. January 17, 1875. Lat. 11° 37' N., long. 123° 31' E. Philippines. 18 fathoms. Blue mud.

Habitat.—Philippines (A. Adams).

Strictly speaking, Gmelin has priority with his name for this species, but having called two different shells *Turbo helicoïdes*, and neither of these proving to be a Turbo, he may fairly be held to have forfeited his rights of nomenclature.

As to the synonymy, after careful examination of Adams' own type of his species as preserved in the British Museum, and comparison with it of two specimens agreeing perfectly with Petit's figure and description of *Turbo blainvillanus*, there remained no doubt that the opinion Beck seems to have held of this species of Petit (see Journ. de conch., 1851, vol. ii. p. 23)¹ was correct, and that the variability of form belonging to the species is sufficient to allow both of these to be included under one name. Chemnitz's figure only presents two spirals on the last whorl, but his description mentions the shell to be "tricarinatum," and he explains this by saying that besides the sharp corner "auch findet man dicke darneben noch ein Paar scharfe Queerstreifen, daher habe ich ihre *testam* als *tricarinatam* beschrieben."

Family NATICIDÆ, Forbes, 1828.

Genus *Natica*, Adanson, 1757.

There is no great variety of form among the Naticas, even less of colour, least of all of sculpture, and with the merely varietal changes which occur in all these features the determination of species in this genus is exceptionally difficult. Philippi's monograph in Küster's continuation of the Conchylien Cabinet of Martini and Chemnitz is, as usual with his work, admirable. There are points which he himself indicates as requiring revision prevented by his departure for South America. On some other points one may be allowed to differ from him. It is to be regretted that Reeve, in preparing his monograph for the Conchologia Iconica, did not consult Philippi's work, which had been already for three years before the public. Still more that Sowerby, after an interval of thirty-one years, bringing out in 1883 his Monograph on the genus in the Thesaurus, seems just as little as Reeve to have had Philippi's work before him, and in spite of all the species which had been published in the interval his whole Index is no fuller and his list of species is poorer by thirty-six than Philippi's.

Species.

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| 1. <i>Natica affinis</i> (Gm.) | 6. <i>Natica seychellium</i> , Wats. |
| 2. <i>Natica euzona</i> , Recluz. | 7. <i>Natica variabilis</i> , Recluz. |
| 3. <i>Natica grisea</i> , v. Mart. | 8. <i>Natica radiata</i> , Wats. |
| 4. <i>Natica rufa</i> (Born). | 9. <i>Natica amphiala</i> , Wats. |
| 5. <i>Natica sagittata</i> , Menke. | 10. <i>Natica atypa</i> , Wats. |

¹ I have taken for granted here that Beck meant to refer to this species of Chemnitz and not to that other occurring in the same vol. x., and to which M. Petit makes him refer (Conch. Cab., vol. x. p. 4, pl. cxxxvii. figs. 1271-1273). Dr Beck's opinion seems to have been expressed in conversation, in which circumstances the mistake might easily come either to the speaker or to the hearer. On comparison of the two figures and the two descriptions one cannot doubt which Dr Beck meant to refer to.