

4. *Cominella*, Gray, 1857.

## Species.

1. *Cominella porcata* (Gmelin).                      2. *Cominella (Adamsia) typica*, Dunker.

1. *Cominella porcata* (Gmelin).

Chemnitz, Conch. Cab., vol. iv. p. 71, pl. cxxvi. figs. 1213, 1214.

*Buccinum porcatum*, Gmelin, p. 3494, No. 105.

„ *mexicanum*, Bruguière, Encycl. méthod., vol. i. p. 260, sp. 23.

„ *porcatum*, Dillwyn, Catalogue, vol. ii. p. 635, sp. 113.

*Purpura ligata*, Lamarck, Anim. s. vert., vol. vii. p. 244, and (ed. Desh.) vol. x. p. 78, sp. 28.

*Buccinum porcatum*, Lamarck, Anim. s. vert. (ed. Desh.), vol. x. p. 190, sp. 66.

„ *ligatum*, Kiener, Iconog., p. 7, sp. 7, pl. v. fig. 15.

„ „ Reeve, Conch. Icon., vol. iii. pl. iv. fig. 22.

„ „ Krauss, Südafrik. Moll., p. 119, sp. 1.

*Cominella porcata*, Küster, Conch. Cab. (ed. Küster), p. 5, sp. 4, pl. i. figs. 8, 9, pl. ii. fig. 3.

„ „ v. Martens, Südafrik. Moll., Jahrb. deutsch. Malak. Gesellsch., 1874, p. 136.

„ „ Kobelt, Jahrb. deutsch. malak. Gesellsch. 1878, p. 231, sp. 1.

„ „ Tryon, Manual, vol. iii. p. 202, pl. lxxx. figs. 392, 396, 399, 404.

October 29–December 16, 1873. Simon's Bay, Cape. 10 to 20 fathoms.

*Habitat*.—Cape of Good Hope (British Museum, &c.)

2. *Cominella (Adamsia) typica*, Dunker.

*Cominella typica*, Dunker, Proc. Zool. Soc. Lond., 1856, p. 357.

*Adamsia typica*, Angas, Port Jackson Moll., Proc. Zool. Soc. Lond., 1867, p. 192.

„ „ Kobelt, Jahrb. deutsch. malak. Gesellsch., 1878, p. 236, sp. 1.

*Urosalpinx tritoniformis*, Tryon, Manual, vol. ii. p. 156, pl. xxxix. figs. 488, 491, 496.

April 17–18, 1874. Port Jackson, Sydney. 2 to 10 fathoms.

April 23, 1874. Port Jackson, Sydney. 6 to 15 fathoms.

*Habitat*.—Philippines (Dunker), South Australia (Angas).

Mr Angas says that the "genus" *Adamsia* has the operculum of a *Purpura*, and must therefore be removed from the *Nassinae*. It would evidently be well to know something more of the relation of the operculum to the life history of a mollusk before adopting it so lightly as has been done for a basis of classification, but in this instance the peculiarity of the operculum comes in satisfactorily to confirm Dunker's original opinion. In the Proc. Zool. Soc. Lond., 1856, p. 357, he had said of this species: "Ad *Cominellas* maxime accedit, a quibus vero aperturæ indole valde differt, cum costa valida in labii superiore parte insidente, qua *Cominellæ* insignes sunt, hæc cochlea plane careat. Preterea sculptura et totus testæ habitus tam singularis est, ut eam pro novi generis typo habendam esse putaverim." Following up this thought of Dunker's, Tenison Woods has proposed *Agnewia* as a new genus for its reception, and *Adamsia adelaidæ*, Ad. and Ang., and *Purpura neglecta*, Ad., have been added to the group. Tryon suppresses *Agnewia* altogether, and classes *Cominella typica*, Dunk., under *Urosalpinx*, holding *Purpura* (i.e., *Urosalpinx*) *tritoniformis*, Blainville, to be identical with, and *Adamsia adelaidæ*, Ad. and Ang., and *Purpura neglecta*, Ang., to be trifling varieties of Dunker's species.