

but in other respects they agree with the normal Australian form, except that the umbonal angle is rather less acute.

*Myodora crassa* (Stutchbury).

*Anatina crassa*, Stutchbury, Zool. Journ., vol. v. p. 100, Tab. Suppl. xliii. figs. 5, 6.

*Myodora crassa*, Reeve, Proc. Zool. Soc. Lond., 1844, p. 92.

*Myodora crassa*, Reeve, Conch. Icon., fig. 1.

*Myodora crassa*, Hanley, Rec. Biv. Shells, pl. x. fig. 6.

*Myodora crassa*, Smith, Proc. Zool. Soc. Lond., 1880, p. 581.

*Habitat.*—Port Jackson, Sydney, in 2 to 10 fathoms (Challenger, Stutchbury, Macgillivray, King); Middle Harbour (Angas).

Only one not quite full-grown right or deep valve was obtained by the Expedition. The species, although small, is remarkable for its solidity, and the less flattened character of the flat or left valve. The microscopic sculpture is fairly coarse, the radiating striæ being well marked. In addition to the single valve above mentioned, I have since discovered three very small odd valves which possibly may be the young state of this species. I find in them two differences, namely, a larger pallial sinus and no lateral dental grooves in the right valves. Considering, however, the modifications in the hinges of some bivalve shells resulting from age, I think it very possible that these differences in the present instance may arise from a like cause.

*Myodora trigona*, Reeve.

*Myodora trigona*, Reeve, Conch. Icon., fig. 2; Proc. Zool. Soc. Lond., 1844, p. 92.

*Myodora tincta*, Reeve, Conch. Icon., fig. 5; Proc. Zool. Soc. Lond., 1844, p. 93.

*Habitat.*—Flinders Passage, North Australia, in 7 fathoms.

A single left valve from this locality differs from the type from the Philippine Islands merely in having the dorsal margins convergent at a rather less acute angle, so that the form becomes rather more oblong, and a right valve is still less angular and partakes of the form of an adult *Myodora oblonga*, Reeve. This species may only be the young form of a variety of that species, being mainly distinguished by rather finer concentric sculpture.

*Myodora* sp.

Testa valva sinistra subæquilaterali, triangulari, latere antico acute angulato, postico oblique truncato, leviter concava, sulco prope marginem dorsi posticum exarata, concentricæ sulcata, interstitiis subrotundatis, pone sulcum radiantem obsolete, undique microscopicè