

(Dunker), Macassar and China (Reeve). In the "Alert" Report I forgot to mention that in addition to the difference of colouring the typical form also presents a difference in outline. The auricles are certainly larger than in either of the varieties, and the sides are more spreading or fan-like. This variation, however, is approached by one of the specimens of var. *kunholtzi* in the British Museum, and I have little doubt that had I a large series for examination I should find many intermediate forms, and should also probably observe that each variety as a rule maintains its special shape.

*Pecten senatorius* (Gmelin), var.

*Ostrea senatoria*, Gmelin, Syst. Nat., p. 3327.

*Pecten senatorius*, Sowerby, Thes. Conch., vol. i. p. 74, pl. xvii. fig. 151, and pl. xviii. figs. 188-192.

*Pecten senatorius*, Reeve, Conch. Icon., vol. viii. pl. xxi. fig. 81.

*Habitat*.—Stations 203 and 208, Philippine Islands, in 20 and 18 fathoms.

The single specimen from Station 208 and two from 203 differ from each other in colour and also somewhat in sculpture. Both forms are also very unlike the *Pecten senatorius*, as figured in Reeve's work as regards colour, but after careful consideration and comparison I do not think it advisable to separate them. The former specimen has more the general appearance of *Pecten layardi*, Reeve, the other two more resembling *Pecten rugosus* of Sowerby. There is a large group of species which requires careful investigation, and which probably could be considerably reduced in number. It comprises *Pecten senatorius*, *Pecten cruentatus*, Reeve, *Pecten gloriosus*, Reeve, *Pecten crassicosatus*, Sowerby, *Pecten nobilis*, Reeve, *Pecten layardi*, Reeve, *Pecten cristularis*, Adams and Reeve, *Pecten rugosus*, Sowerby, *Pecten triradiatus*, Reeve, *Pecten testudineus*, Reeve, *Pecten cloactus*, Reeve, *Pecten miniaceus*, (Lamk.) Sowerby, *Pecten pseudolima*, Sowerby, *Pecten blandus*, Reeve, *Pecten fricatus*, Reeve, *Pecten reticulatus*, Reeve, and *Pecten saniosus*, Reeve. The small forms may possibly be but young shells of the larger ones, for we do not know the limits in size of many of the exotic species.

*Pecten corallinoides*, d'Orbigny.

*Pecten corallinoides*, d'Orbigny, in Webb and Berthelot's Hist. Nat. Canaries, vol. ii. pt. 3. p. 102, pl. vii. figs. 20-22.

*Pecten corallinoides*, Sowerby, Thes. Conch., vol. ii. p. 65, pl. xii. figs. 3, 4.

*Habitat*.—St. Vincent, Cape Verde Islands, in 7 to 20 fathoms; and Tenerife, in 70 fathoms (Challenger); Canary Islands (d'Orbigny).

The shells of this species, of *Pecten noduliferus*, Sowerby, and *Pecten nodosus*, Linn., are very much alike, and, what would not be expected, a greater similarity exists