

between the two first, which are found on opposite sides of Africa, than between the first and last, inhabitants of different parts of the same ocean.

Pecten amicus, n. sp. (Pl. XXI. fig. 6).

Testa compressa, aurantiaco-rufescens, umbones versus albida, costis octo latis rotundatis, liris pluribus tenuibus squamulatis ornatis, instructa; interstitia profunda, angusta, minute et pulcherrime reticulata. Auricula postica valvæ dextræ minima, antica mediocriter magna, inferne haud profunde sinuata, antice oblique curvata, liris radiantibus tenuibus circiter sex, incrementique lineis sculpta.

Only a single valve of this species, and that evidently immature, is at present known. The sculpture being so remarkable, I do not hesitate to describe it as new.

It is narrow, compressed, slightly unequal sided, the posterior slope being a little longer than the anterior, and like it nearly rectilinear, together forming an apical angle of about seventy degrees. It is of an orange-reddish tint, gradually paler towards the umbones, and has eight broad rounded ribs which are moderately elevated, and ornamented with several very slender prickly-scaled liræ. The grooves between the ribs are narrow, deepish, and ornamented with an excessively fine regular square-meshed network. The auricles are very unequal, the posterior being very small indeed, whilst the anterior (in the right valve) is fairly large, obliquely curved in front, not deeply sinuate beneath, and bears about six fine radiating liræ, which are crossed by the lines of increase. The interior exhibits more or less of the external tinting, which, however, in a more mature shell, would probably be less vivid.

Length 12 mm., height $14\frac{1}{2}$, probable diameter of the perfect specimen 4.

Habitat.—Station 172, off Nukalofa, Tongatabu, in 18 fathoms.

Pecten tigris and *Pecten pes-felis* are rather like this species in general appearance, but differ in the detail of the sculpture, both of them being finely lirate in the sulci between the ridges and sculptured with a different microscopic ornamentation.

Pecten testæ, Bivona.

Pecten testæ, Bivona, Philippi, Enum. Moll. Sicil., vol. i. p. 81, pl. v. fig. 17, vol. ii. p. 57.

Pecten striatus, var. *furtivus*, Forbes and Hanley, Brit. Moll., vol. iv. pl. li. fig. 2.

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

Only a single valve was obtained of this species, which has not, I believe, been recorded from so southern a locality. It exactly agrees with Mediterranean specimens with which I have compared it, being quite smooth, with the exception of the microscopic decussation as described by Philippi.