

20. *Montipora erosa* (Dana).

Manopora erosa, Dana, Zoophytes, p. 504, pl. xlvi. fig. 5.

The specimen in the collection is much worn, thick and massive. The lobes are much less angular than in Dana's figure; and the cells are twelve-rayed, six being large and conspicuous, and the others very small and spinulose.

Locality.—Maectan Island, Philippines.

21. *Montipora effusa* (Dana).

Manopora effusa, Dana, Zoophytes, p. 500, pl. xlvi. fig. 4.

The single specimen is a thin and widely explanate, incrusting plate, which is free at the margin for a considerable distance. The surface consists of a very open and evenly reticulated cœnenchyma, becoming denser within. The spinules are rather large, and are closely gathered around the cups on all the raised portions of the corallum, becoming small and often absent on the concave portions. It seems altogether a rather delicate variety of the species.

Locality.—Samboangan, Philippines.

22. *Montipora aspera*, Verrill.

Manopora crista-galli, Dana (*non* Ehrenberg), Zoophytes, p. 494, pl. xlvi. fig. 1.

Montipora aspera, Verrill, in Dana, Cor. and Cor. Islands, p. 333.

This species differs from *Montipora crista-galli* chiefly in its much more massive and uneven growth, the branches being scarcely laminate. The whole corallum is rendered extremely rough by the development of numerous angular wings, crests, and short, longitudinal rows of papillæ, which are very irregularly scattered. The calicles are very distinct, rather close between the crests and angular branches, and somewhat indistinctly and unequally six-rayed; in many cells a rudimentary second cycle is developed.

Locality.—Tahiti.

Family PORITIDÆ.

Genus 1. *Porites*, Lamarck.

Porites (pars), Lamarck, Hist. Anim. sans Vert., ii. p. 267, 1816.

„ Milne-Edwards and Haime, Cor., iii. p. 173.

„ Duncan, Rev. Madrep., p. 187.

It has already been shown by Verrill in his description of the Corals of the West Coast of America that the presence of two cycles of septa is not always characteristic