

14. *Porites lutea*, Milne-Edwards and Haime.

*Porites lutea*, Milne-Edwards and Haime, Cor., iii. p. 180.

„ „ Klunzinger, Cor. roth. Meer., ii. p. 40, pl. v. fig. 16.

A small specimen was obtained. It differs in no important particular from the Indian Ocean specimens of the species.

*Locality*.—Mactan Island, Philippines.

15. *Porites parvistellata*, n. sp. (Pl. XI. figs. 8-8a).

Corallum massive, convex or subcolumnar, unevenly gibbous and closely monticulate, or small-mammillate, incrusting at the base. Calicles polygonal, very small, about 1 mm. wide, sometimes less, deep, becoming rather shallow on the incrusting part, not plane at the bottom; walls acute, very thin above, rather thick below, nearly solid. Septa unequal, short, narrow, nearly solid, often joining two and two deep down in the cup, where a circle of small, often elongated pali is visible. Columella absent or inconspicuous. Texture very firm and compact for the genus; the interseptal spaces being very small.

The mode of growth, the compact texture, and the very small and deep cups, with thin, acute walls and narrow, short septa, distinguish this species. Two small specimens were obtained; one of which is about 7 cm. high and 5 cm. broad, not unlike an enlarged mulberry in appearance.

*Locality*.—Api, New Hebrides.

16. *Porites tenuis*, Verrill.

*Porites tenuis*, Verrill, Proc. Essex Inst., vol. v. pt. 3, p. 25.

Very interesting specimens of this species were obtained. They occur either as unattached, rounded and uneven masses, covered over the whole surface by living polyps, or attached, being then fixed by a narrow base or growing incrusting over stones and other foreign material. The walls are very thin and porous, the central portion slightly raised, very neatly polygonal, and conspicuous on the surface as fine lines. The septa, pali, and columella are small and very distinct; and the small interseptal spaces are very conspicuous.

In one specimen, which is fixed and very broad, the summit is dead owing to exposure in an insufficient depth of water, while growth has continued in a lateral direction.

*Localities*.—Api, New Hebrides; Honolulu, at depths of from 1 to 2 fathoms.