

24. *Madrepora millepora* (Ehrenberg.)

*Heteropora millepora*, Ehrenberg, Cor. roth. Meer., p. 109.

*Madrepora millepora*, Dana, Zoophytes, p. 446, pl. xxxiii. fig. 2.

Only a single specimen of this species was obtained. It has grown with an incrusting base over a mass of dead coral, and is made up of a mass of closely crowded, young colonies in different stages of growth; some with simple stems, others forming small and much branched clumps; while in other places, on the incrusting base, there are numerous, large, apical calicles, from which new branches originate. The calicles on the branches and branchlets are about 1 mm. broad, but they are usually much smaller on the base.

*Locality*.—Api, New Hebrides.

25. *Madrepora minima*, n. sp. (Pl. IX. figs. 4-4a).

Corallum arborescent, spreading-ramose, very slender, often slightly compressed and incrusting dead coral where it comes in contact with it; branches rather short, terete, bluntly pointed, from about 4 to 6 mm. thick, with few, short, scarcely smaller branchlets; not infrequently the branches on meeting a foreign body spread over it and become broad and thickened. Apical calicles moderately large, nearly 3 mm. in diameter, scarcely prominent with six large and six small well-developed septa. Lateral calicles very small, unequal, and crowded, from about 0.5 to 0.75 mm. in diameter, scarcely prominent, quite immersed below, fragile, strongly striated, round-nariform or sublabellate; six septa distinct, with two larger than the others, the second cycle rudimentary. The surface is finely echinulate, of a close texture below, becoming somewhat porous above.

This species is close to *Madrepora exigua*, Dana, but is easily distinguished from it. Two small specimens about 9 cm. high were obtained, and many of the branches have a peculiar appearance, spreading over and incrusting pieces of dead coral.

*Locality*.—Api, New Hebrides.

26. *Madrepora tenuis*, Dana.

*Madrepora tenuis*, Dana, Zoophytes, p. 451.

Numerous specimens of this species were obtained. The branchlets are very numerous and slender, but are often as much as 5 or 6 mm. thick at their base.

*Locality*.—Samboangan, Philippines.

27. *Madrepora rosacea*, Esper.

*Madrepora rosacea*, Esper, Pflanz., i., Madrep. pl. xv.

„ „ Studer, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, 1878, p. 530.

Three specimens were obtained, of which one forms a cespitose clump with close branches, subdividing into numerous branchlets above. The calicles are narrow but very