

explanate portion, broken from a large irregular specimen much infested by parasites, having its calicles either low and shallow or rather prominent and deep.

The species is close to *Turbinaria cinerascens*, but the cups are smaller and shallower, less distinctly open, and with a smaller, oval columella. A good figure of a small specimen is given by Blainville.¹

Localities.—Amboina; Somerset, Cape York, shore; Wednesday Island, Torres Strait, 8 fathoms.

2. *Turbinaria cinerascens* (Ellis and Solander).

Madrepora cinerascens, Ellis and Solander, Zoophytes, p. 157, pl. xliii.

Turbinaria cinerascens, Milne-Edwards and Haime, Cor., iii. p. 165.

Two small specimens, vasiform and slightly contorted, were collected. The species is close on the one hand to *Turbinaria crater*, and on the other to *Turbinaria mesenterina*, and it is doubtful, perhaps, whether it is really distinct from the latter species.

Locality.—Somerset, Cape York, shore.

3. *Turbinaria brassica* (Dana).

Gemmipora brassica, Dana, Zoophytes, p. 413, pl. xxix. fig. 1.

Two small specimens occur in the collection. The calicles are much less elongated than is shown in Dana's figure; and the general habit of the species is closely similar to that of *Turbinaria mesenterina*.

Locality.—Tongatabu.

4. *Turbinaria patula* (Dana).

Gemmipora patula, Dana, Zoophytes, p. 410.

Two specimens, one a very large and the other a small one, and a fragment, were collected. The large specimen presents an interesting variation, the edges of the calicles being very acute, the septa very narrow with the inner edges vertical and evenly prominent, and the surface roughened by coarse, sinuous striations; the upper surface is made knobby at certain parts by the lodgment of parasites, and through the development of calicles on these knobs an upright, branched growth is produced.

A dead specimen of a *Turbinaria*, from the same locality, much perforated by some boring animal, apparently belongs to this species.

Locality.—Wednesday Island, Torres Straits, 8 fathoms.

¹ Manuel d'Actinologie, pl. lvi. fig. 6.