

and less cellular structure, by its more distant and even cells, and by its thicker septa and costæ, which have finer denticulations.

Locality.—Mactan Island, Philippines.

6. *Astræa doreyensis* (Milne-Edwards and Haime).

Favia doreyensis, Milne-Edwards and Haime, Cor., ii. p. 432.

The unequally raised edges of the calicles and the broad ridges give a peculiar appearance to this species, which is thus easily distinguished from the *Astræa denticulata*, with which it has many points of resemblance. The calicles in which division is taking place, or is about to take place, are much elongated and often irregular, with a diameter of from about 10 to 12 mm.

Locality.—Banda.

7. *Astræa speciosa*, Dana.

Astræa speciosa, Dana, Zoophytes, p. 220, pl. xi. fig. 1.

A portion of a large specimen was obtained. Owing to the very light structure of the species, the upper portions of the exsert septa are often broken away, a somewhat ragged appearance resulting. I have followed Studer in keeping the species distinct from both *Astræa* (*Favia*) *okeni*, Milne-Edwards and Haime, and *Astræa* (*Favia*) *tubulifera*, Klunzinger.

Locality.—Banda.

8. *Astræa ananas* (Ellis and Solander).

Madrepora ananas, Ellis and Solander, Zoophytes, p. 168, pl. xlvii. fig. 6.

Favia ananas, Milne-Edwards and Haime, Cor., ii. p. 435.

A single small specimen was obtained, incrusting a piece of rock. In the young stages the species appears to be very close to the broad-walled form of *Astræa fragum*, and also closely resembles the *Astræa porcata*, Esper,¹ which is found in the East Indies.

Locality.—Bermuda.

9. *Astræa coarctata* (Duchassaing and Michelotti).

Favia coarctata, Duchassaing and Michelotti, Mém. Cor. des Antilles, p. 76, pl. x. figs. 17, 18.

The specimen which I have referred to this species consists of a small colony of five calicles, which was found growing on the base of a large *Mæandrina*. Two of these calicles are subcircular, while the other three are much elongated, and two of them show

¹ Pflanz. Forts., Madrep., pl. lxxi.