

in the broad ridged varieties. Very good figures of the species are given in the Report on the Florida Reefs, plate ix. figs. 6 to 9, but they have been taken from a variety in which the ridges are more or less triangular, an approach to which is present in "form *f*."

*Locality*.—Bermuda.

Genus 16. *Cæloria*, Milne-Edwards and Haime.

*Cæloria*, Milne-Edwards and Haime, Cor., ii. p. 411.

„ (subgenus), Duncan, Rev. Madrep., p. 89.

*Cæloria* has been considered a subgenus of *Mæandrina* by Professor Duncan, but, as defined and limited by him, it seems to me sufficiently characterised to rank as a distinct genus.

Four species of the genus were collected.

1. *Cæloria dædalina* (Dana).

*Astræa dædalina*, Dana, Zoophytes, p. 236, pl. xii. fig. 7.

*Cæloria dædalina*, Verrill, in Dana, Coral and Coral Islands, p. 329.

This species is very close to *Cæloria esperi*, which will most likely have to be united with it. It seems to be distinguished by its thicker, rougher, and more uneven septa, and by its shorter calicinal series, but these are very variable characters. In not a few parts of the corallum all the calicles are in very short series or single, and take on a very distinct astræiform appearance.

Two specimens were collected.

*Localities*.—Kandavu and other reefs, Fiji.

2. *Cæloria esperi*, Milne-Edwards and Haime.

*Cæloria esperi*, Milne-Edwards and Haime, Cor., ii. p. 417.

„ „ Klunzinger, Cor. roth. Meer., iii. pl. ii. fig. 6.

A broken specimen in the collection shows well the characters of this species. The wall is not vesicular but solid, often becoming slightly swollen towards the outer part of the colony.

*Locality*.—Kandavu.

3. *Cæloria stricta*, Milne-Edwards and Haime.

*Cæloria stricta*, Milne-Edwards and Haime, Cor., ii. p. 417.

A small specimen of this species was obtained. The depth of the calicinal valleys in many parts of the corallum is often much less than their width.

*Locality*.—Kandavu.